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COMMERCIAL FEEDING STUFFS
REPORT ON INSPECTION
1931

E. M. BAILEY



Connecticut
Agricultural Experiment Station
New Haven

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CONTENTS

The feed law	279
Explanation of terms used in analysis	280
Definitions of feeding stuffs	281
Registrations	291
Inspection	315
Analyses of official samples	316
Miscellaneous	447
Index	i

REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station makes reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.

COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

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E. M. BAILEY

THE FEED LAW

The text of the law relating to concentrated commercial feeding stuffs and of regulations made jointly by the Dairy and Food Commissioner and the Director of this Station for carrying out its provisions, are given in Bulletin of Immediate Information, No. 60, June, 1927.

Some essential provisions of the law and the regulations may be briefly restated here.

Exemptions. It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration, (1) roughages such as hays, straws, corn stover, ensilage and all materials containing more than 60 per cent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer, for his own use.

Under the provision of clause 6 above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

Labelling. All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude

protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition.

Affixing tags. The use of wire or any metal in affixing tags to feed packages is prohibited by law.

Registration and registration fee. The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

Duties of manufacturers, jobbers and dealers. All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

Cottonseed meal. Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feeding stuff it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain

nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 per cent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

DEFINITIONS OF FEEDING STUFFS¹

ALFALFA PRODUCTS

Chopped alfalfa is the entire alfalfa hay, chopped and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material.

Alfalfa meal is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 33 per cent of crude fibre.

Alfalfa leaf meal is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds and must not contain more than 18 per cent of crude fibre.

Alfalfa stem meal is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds.

ANIMAL PRODUCTS

Blood meal is ground, dried blood.

Blood flour is dried blood, prepared by special processes and reduced to a fine powder.

¹As announced by the Association of American Feed Control Officials, 1931-32.

Digester tankage, meat meal tankage or feeding tankage is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding. When these products contain more than 10 per cent phosphorus (expressed as P_2O_5) they shall be designated Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone. If they bear a name descriptive of their kind, composition or origin they must correspond thereto.

Meat scraps is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 10 per cent phosphorus (expressed as P_2O_5), it shall be designated Meat and Bone Scrap. If it bears a name descriptive of its kind, composition or origin it must correspond thereto.

Raw bone meal is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein.

Steamed bone meal is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure.

Special steamed bone meal is the dried, ground product suitable for animal feeding obtained by cooking dried bone after the removal of grease and meat fibre with steam under pressure in the process of obtaining gelatine or glue.

APPLE PRODUCTS

Dried apple pomace is the sound, dried residue obtained by the removal of cider from apples.

Dried apple pectin pulp is the sound, dried residue obtained by the removal of pectin from apple products.

BARLEY PRODUCTS

Barley hulls are the outer coverings of the barley.

Barley feed is the entire by-product resulting from the manufacture of pearl barley from clean barley.

Barley mixed feed is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings.

Ground barley is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent pure barley and not more than 10 per cent other grains, weed seeds and other foreign material and not more than 6 per cent fibre; provided that no portion of this stated 10 per cent of other grains, weed seeds or other foreign material, shall be deliberately added.

Mixed feed barley is the entire product obtained by grinding country run barley containing not less than 75 per cent pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material; provided that

no portion of this stated 25 per cent of other grains, weed seeds, or foreign material, shall be deliberately added. The ingredients must be stated as barley, other grains, weed seeds and foreign material.

BREWERS' AND DISTILLERS' PRODUCTS

Brewers' dried grains are the properly dried residue from cereals obtained in the manufacture of beer.

Distillers' dried grains are the dried residue from cereals obtained in the manufacture of alcohol and distilled liquors. The product must bear the designation indicating the cereal predominating.

Distillers' corn solubles, a by-product from the manufacture of alcohol from corn, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Distillers' rye solubles, a by-product from the manufacture of alcohol from rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Distillers' corn and rye solubles, a by-product from the manufacture of alcohol from corn and rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

Malt sprouts are the sprouts of the barley grain obtained in the malting process. Sprouts derived from any other malted cereal must be designated by the name of that cereal.

Yeast or vinegar dried grains are the properly dried residue from the mixture of cereals, malt and malt sprouts (sometimes cottonseed meal) obtained in the manufacture of yeast or vinegar and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and serve as a source of food supply for the yeast.

BUCKWHEAT PRODUCTS

Buckwheat shorts or buckwheat middlings are that portion of the buckwheat grain immediately inside the hull after separation from the flour.

CORN PRODUCTS

Corn meal (feeding) is finely ground unbolted corn.

Corn bran is the outer coating of the corn kernel, with little or no starchy part or germ.

Corn feed meal is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn or screened cracked corn, with or without its aspiration products added.

Corn chop, ground corn or cracked corn is the entire product made by grinding, cutting or chopping the grains of sound Indian corn, and may be fine, medium or coarse, and must not contain more than 4 per cent of foreign material.

Screened corn chop, screened ground corn, or screened cracked corn is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material.

Corn grits, hominy grits are the fine or medium sized, hard flinty portions of Indian corn containing little or no bran or germ.

Ear corn chops is corn and cob chopped, without the husk, with no greater portion of cob than occurs in the ear corn in its natural state.

Corn gluten meal is that part of commercial shelled corn that remains after the separation of the larger part of the starch, the germ and the bran, by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

Corn gluten feed is that part of commercial shelled corn that remains after the separation of the larger part of the starch and the germs by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

Maltose process corn gluten feed is the dried residue from degermed corn, after removal of starch in the manufacture of malt syrup.

Hominy feed, hominy meal or hominy chop is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the white corn kernel obtained in the manufacture of hominy, hominy grits, and cornmeal by the degerming process.

Yellow hominy feed, yellow hominy meal or yellow hominy chop is a kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the yellow corn kernel obtained in the manufacture of yellow hominy grits and yellow corn meal by the degerming process.

Corn oil cake consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup, and other corn products.

Corn oil meal is ground corn oil cake.

Corn germ cake consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products.

Corn germ meal is ground corn germ cake.

Corn screenings are the small light grains of corn, parts of grains of corn and/or other cereals, and other materials having feeding value, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials.

COTTONSEED PRODUCTS

Cottonseed meal is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does

not conform to the foregoing definition and that does not contain at least 36 per cent of protein. Cottonseed meal shall be graded and classed as follows:

1. *Cottonseed meal, prime quality.* Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36 per cent of protein. It must be designated and sold according to its protein content. Cottonseed meal with 36 per cent of protein must be termed "36 per cent Protein Cottonseed Meal, Prime Quality," and higher grades similarly designated (as "43 per cent Protein Cottonseed Meal, Prime Quality"), etc.

2. *Cottonseed meal, off quality.* Cottonseed meal not fulfilling the above requirements as to color, odor and texture must be graded "36 per cent Protein Cottonseed Meal, Off Quality," and higher grades similarly designated.

Cottonseed feed is a mixture of cottonseed meal and cottonseed hulls, containing less than 36 per cent of protein.

Cold pressed cottonseed is the product obtained from the subjection of the whole undercorticated cottonseed to the cold pressure process for the extraction of oil and includes the entire cottonseed less the oil extracted.

Ground cold pressed cottonseed is the product obtained by grinding cold pressed cottonseed.

LINSEED AND FLAX PRODUCTS

Linseed cake or meal is oil cake or meal made from flaxseed; provided that the final product must contain less than 6 per cent of weed seeds and other foreign materials and; provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added.

Old process oil meal, old process linseed meal is oil meal as defined or linseed meal as defined produced by crushing, cooking and hydraulic pressure.

New process oil meal, new process linseed meal is oil meal as defined or linseed meal as defined produced by crushing, heating and the use of solvents.

Flax plant by-product is that portion of the flax plant remaining after the separation of the seed, the bas fibre and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem.

Ground flaxseed or flaxseed meal is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; provided that the final product must contain less than 4 per cent of weed seeds and other foreign materials, and; provided further, that no portion of the stated 4 per cent of weed seeds and other foreign materials shall be deliberately added.

Unscreened flaxseed oil feed cake is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents. The ingredients must be stated as partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)

Ground unscreened flaxseed oil feed is the ground unscreened flaxseed oil feed cake.

Screenings oil feed is the ground product obtained after extraction of part of the oil by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents from the smaller imperfect grains, weed seeds and other foreign materials, having feeding value, separated in cleaning the grain. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed."

Oil cake is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating and the use of solvents, from seeds which have been screened and cleaned of weed seeds, and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other products the name of the seed from which it is obtained must be prefixed to the words "Oil Cake."

Oat meal or ground oil cake is oil cake ground to a meal.

MARINE PRODUCTS

Fish meal (Feeding) is clean, dried, ground tissues of undecomposed whole fish and/or fish cuttings with or without the extraction of part of the oil.

Fish residue meal (Feeding) is the clean, undecomposed residue from the manufacture of glue from non-oily fish.

Crab meal (Feeding) is prepared from the undecomposed waste of the crab industry and contains the shell, viscera and part or all of the flesh. It contains at least 25 per cent protein.

Shrimp meal (Feeding) is prepared from the undecomposed waste of the shrimp industry and contains the head, hull and/or the whole shrimp.

MILK PRODUCTS

Evaporated buttermilk (Feeding), *concentrated buttermilk* (Feeding), *condensed buttermilk* (Feeding), is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given.

Dried skimmed milk (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent moisture.

Condensed skimmed milk (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent total solids.

OAT PRODUCTS

Oat hulls are the outer coverings of the oat.

Oat middlings are the floury portions of the oat groat obtained in the milling of rolled oats.

Oat shorts are the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats.

Oat chop, ground oats, pulverized oats, crushed oats and crimped oats consists of the entire product made by chopping, cutting, grinding, crushing or crimping oats.

Oat groats are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal.

Hulled oats, undried oat groats are the kernels produced from the undried grain in the process of hulling oats.

Oat meal, ground oat groats is the product produced by cutting, cracking or grinding oat groats.

Rolled oat groats (Rolled Oats) is the product obtained in the process of rolling oat groats.

Clipped oat by-products is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats and dust. It must not contain an excessive amount of oat hulls.

PEANUT PRODUCTS

Peanut oil cake is the residue after the extraction of part of the oil by pressure or solvents from peanut kernels.

Peanut oil meal is ground peanut oil cake.

Unhulled peanut oil feed is the ground residue obtained after extraction of part of the oil from whole peanuts, and the ingredients must be designated as *Peanut meal and hulls*.

RICE PRODUCTS

Rice bran is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice.

Rice hulls are the outer coverings of the rice.

Rice polish is the finely powdered material obtained in polishing the kernel.

Rice meal is ground brown rice or ground rice after the hull has been removed.

Ground rough rice is ground rice from which the hull has not been removed or ground paddy rice.

Rice stone bran is the siftings from the materials secured in removing hulls from rice and contains rice germs, broken rice and some rice hulls.

Rice huller bran is a product secured by the huller and comes from brown rice and consists mostly of the bran and germs.

RYE PRODUCTS

Rye bran is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye.

Rye feed, a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain, consists principally of the mill-run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone.

Rye red dog, a by-product obtained in the usual process of the milling of rye flour, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 3.5 per cent crude fibre.

Rye low grade feed flour consists principally of dark rye flour and small quantities of aleurone and fine barn particles and must not contain more than 1.5 per cent crude fibre.

Rye middlings consists of rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour.

Rye flour middlings consist of rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and must not contain more than 5 per cent crude fibre.

VELVET BEAN PRODUCTS

Velvet bean meal is ground velvet beans containing only an unavoidable trace of hulls or pods.

Ground velvet bean and pod is the product derived by grinding velvet beans "in the pod." It contains no additional pods or other materials.

WHEAT PRODUCTS

Wheat bran is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling.

Standard middlings consists mostly of fine particles of bran, germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 9.5 per cent crude fibre.

Flour middlings shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and must not contain more than 6.0 per cent crude fibre.

Wheat red dog, a by-product obtained in the usual commercial process of flour milling, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 4.0 per cent crude fibre.

Wheat low grade feed flour, a by-product obtained in the usual commercial process of flour milling, consists principally of flour with small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

Wheat bran and standard middlings consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling.

Hard wheat mixed feed (mill-run wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 9.5 per cent crude fibre.

Brown shorts (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 7.5 per cent crude fibre.

Gray shorts (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal or fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and must not contain more than 6.0 per cent crude fibre.

White shorts or white middlings consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling and must not contain more than 3.5 per cent crude fibre.

Wheat mixed feed (Mill-run wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 8.5 per cent crude fibre.

Screenings consists of the smaller imperfect grains, weed seeds, and other foreign materials, having feed value, separated in cleaning the grain.

Scourings consists of such portions of the cuticle, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commercial process of scouring.

(NOTE) If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word "Screenings" or "Scourings" as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word "Screenings" appears it is not necessary to show also on the labeling the word "Scourings."

MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients requires, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of lime expressed as CaO , phosphoric acid expressed as P_2O_5 , iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

Mineral feeds containing no organic ingredient do not require the usual chemical feed guarantee, but do require a declaration of each ingredient

contained therein and the minimum percentage of lime expressed as CaO , phosphoric acid expressed as P_2O_5 , iodine (I), and the maximum percentage of salt (NaCl) if same be present.

That the mineral ingredients be stated in the common English terms, if any such terms exist.

It being impossible to classify separately the drug ingredients and the mineral ingredients, be it resolved:

(1) That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds.

(2) That all other preparations which are sold or represented primarily for the cure, mitigation or prevention of disease be classified by this Association as drugs, medicines or specifics.

MISCELLANEOUS PRODUCTS

Dried beet pulp is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves and sand, and which have been extracted in the process of manufacturing sugar.

Cocanut oil meal or "*copra oil meal*" is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut.

Ivory nut meal is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut.

Processed garbage is composed of animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and is separated from material such as crockery, glass, or similar material. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife like or needle like particles, and providing further, that the maximum percentage of glass be stated on the label when present in excess of one-fifth of one per cent.

Palm kernel oil meal is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis malanococco*.

Chop is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals.

Head chops consists of the entire head of the grain sorghums chopped, and bears the name of the sorghum from which it is made. This includes, among others, kaffir head chops, milo head chops, feterita head chops and sorghum head crops.

Head stems consists of the head of the grain sorghums, from which the grain has been removed, and bears the name of the sorghum from which it is made.

REGISTRATIONS

For the period January 1, 1931, to December 31, 1931

One hundred and eighty-four firms and individuals have registered 1,006 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

E. T. Allen Company, Atlanta, Ga.

Empire—High Grade Cottonseed Meal

Allied Mills, Inc., Chicago, Ill.

Amco Egg Mash
 Amco 20% Dairy Ration
 Amco 24% Dairy Ration
 Amco 12% Fitting Ration
 Amco Growing Mash with Meat Scraps
 Amco 20% National Dairy Ration
 Amco 16½% Sucrene Dairy Ration
 Amco Super Egg Mash
 Amco Starting and Growing Mash
 Arab Horse Feed
 Brewers' Dried Grains
 Corn and Oats Provender
 Emergency 20% Dairy Ration
 Emergency Hog Feed
 June Pasture
 Screened Cracked Corn
 Sucrene All Mash Poultry Feed
 Sucrene All Mash Poultry Feed with Cod Liver Oil
 Sucrene Egg Mash
 Sucrene Scratch Feed
 Wayne All Mash Chick Starter
 Wayne All Mash Chick Starter with Cod Liver Oil
 Wayne All Mash Grower
 Wayne All Mash Grower with Cod Liver Oil
 Wayne Broiler Ration
 Wayne Calf Meal
 Wayne Chick Feed
 Wayne Egg Mash
 Wayne Egg Mash with Cod Liver Oil
 Wayne Hog Meal
 Wayne Intermediate Scratch Feed
 Wayne Pig Meal
 Wayne Poultry Fattener
 Wayne Scratch Feed
 Wayne Special Scratch Feed
 Wayne 20% Sucrene Dairy Feed
 Wayne Supreme Horse Feed
 Wayne Turkey Mash

American Maize-Products Co., 100 E. 42nd St., New York City.

Cream of Corn Gluten Feed

Apothecaries Hall Co., Waterbury, Conn.

Liberty Cooked Meat Scrap for Poultry 45%
 Liberty Cooked Meat Scrap for Poultry 60%

Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.

Advanced Registry Dairy Feed
Arcady Besbet Growing Mash
Arcady Besbet Laying Mash
Arcady Scratch Grains
Milkers Ready Ration
Old Colony Feed
Peerless Milk Ration
Sweet 16 Dairy Feed
Wonder Complete Broiler Ration
Wonder Dairy Ration
Wonder Horse and Mule Feed
Wonder Sweet Lasses Feed

Archer-Daniels-Midland Co., Minneapolis, Minn.

Pure Old Process Linseed Meal 32%
Pure Old Process Linseed Meal 34%

Ashcraft-Wilkinson Co., Atlanta, Ga.

Helmet Brand Prime Cottonseed Meal
Monarch Brand Prime Cottonseed Meal
Paramount Brand Prime Cottonseed Meal

E. R. Bacon Grain Co., 205 Grain & Flour Exchange, Boston, Mass.

Bacon's Gluten Feed

E. W. Bailey & Co., Montpelier, Vt.

Bailey's Fitting Ration
Bailey's Open Formula 20% Dairy Feed
Bailey's Open Formula 24% Dairy Feed
Capital Dairy Ration
Capital Mixed Feed
Favorite Dairy Ration
"Our Own" Dairy Ration
"Our Own" Dairy Ration, Sweetened
Pennant Brand Laying Mash
Pennant Brand Stock Feed
Pennant Horse Feed
Pennant Scratch Feed
Sweetened Bailey's Fitting Ration
Sweetened Capital Dairy Ration
Sweetened Favorite Dairy Ration
Sweetened with Molasses Pennant Brand Stock Feed

Bay State Milling Co., Winona, Minn.

Wingold Diamond G Pure Hard Wheat Reddog
Wingold Rye Middlings and Rye Screenings
Wingold Standard Hard Wheat Middlings and Wheat Screenings

Beacon Milling Co., Inc., Cayuga, N. Y.

Auburn Dairy Feed
Beacon Breeders Mash with Buttermilk
Beacon Broiler Feed
Beacon Calf Meal
Beacon's Cayuga Developer Feed
Beacon's Cayuga Growing Mash
Beacon's Cayuga Horse Feed
Beacon's Cayuga Laying Mash with Buttermilk

Beacon Milling Co., Inc., Cayuga, N. Y.—(Continued)

Beacon's Cayuga Scratch Feed
 Beacon Chick Feed
 Beacon Complete Starting Ration
 Beacon Dairy Ration
 Beacon Developer Feed
 Beacon Duck Breeders Mash
 Beacon Duck Growing Mash
 Beacon Duck Starter
 Beacon Egg Mash with Buttermilk
 Beacon Fitting Ration
 Beacon Growing Mash
 Beacon Fleshing Mash and Crate Fattener
 Beacon Hog Feed
 Beacon Horse Feed
 Beacon Scratch Grains
 Beacon Special Coccidiosis Mash
 Beacon Special Scratch Grains
 Beacon Sweet '24'
 Beacon '32'
 Beacon '20'
 Beacon Turkey Growing Feed
 Cayuga Stock Feed
 Corn and Oat Chop

Ira W. Beers, Hamden, Conn.

Beer's Laying Mash
 Beer's Scratch Feed

Black Rock Milling Corp., 356 Hertel Ave., Buffalo, N. Y.

Bidwell 20% Dairy Ration
 Bidwell 24% Dairy Ration
 Bidwell Dry-Mash
 Bidwell Scratch Feed

Blatchford Calf Meal Co., Waukegan, Ill.

Blatchford's Calf Meal

Borden Sales Co., Inc., 350 Madison Ave., New York City.

Borden's Anilac

A. D. Bridge's Sons, Inc., Hazardville, Conn.

Success Dairy Ration

Bristol Grain & Supply Co., Bristol, Conn.

Bristol Laying Mash
 Bristol Scratch

F. W. Brode Corp., Memphis, Tenn.

Owl Brand 41% Prime Cottonseed Meal

L. Broder Grain Store, Colchester, Conn.

L. B. Milk Ration

Brooklawn Feed Co., Bridgeport, Conn.

Brooklawn Special Scratch Feed (See Delaware Mills, Inc.)

Brown & Bailey Condensed Milk Co., Nevins & Butler Sts., Brooklyn, N. Y.

Betsy-B Brand Powdered Skim Milk

C. Buckingham & Co., Southport, Conn.

C. B. Dairy
C. B. Egg Mash
C. B. Growing Mash
C. B. Scratch Feed
C. B. Starter

C. E. Buell, Inc., 131 State St., Boston, Mass.

"Buell-Boston" Dried Skim Milk

C. W. Burckhalter, Inc., 119 Broad St., New York City.

Burck-Brand Dried Buttermilk
Burck-Brand Powdered Skim Milk

Caledonia Mills, Inc., St. Johnsbury, Vt.

Brooks' Fancy Mixed Feed

C. W. Campbell Co., Westerly, R. I.

Camco Horse Feed
Campbell Fitting Ration
Egg-O Chick Feed
Egg-O Chick Starter
Egg-O Growing
Egg-O Intermediate
Egg-O Mash
Egg-O Scratch
Milky Ration
No-Botheration Dairy Ration
Xtra Vim Molasses Horse Feed

Canada Linseed Oil Mills, Ltd., Montreal & Toronto, Canada.

"Maple Leaf" 35.00 Linseed Oil-cake Meal

Chapin & Co., Hammond, Ind.

Ajax Egg Mash
Ajax Dairy Ration 24%
Ajax Horse Feed
Ajax Scratch Feed
Chapin Kernels Grow-All
Chapin Kernels Lay-All
Chapin Kernels Start-All
Unicorn Dairy Ration 20%
Unicorn Dairy Ration 24%
Unicorn Scratch Feed

Clinton Corn Syrup Refining Co., Clinton, Iowa.

Clinton Corn Gluten Feed

Coles Co., Middletown, Conn.

Capital 20% Molasses Dairy Feed
Fortune Egg Mash with Dried Buttermilk
Fortune Growing Feed
Fortune Intermediate Scratch
Fortune Scratch Feed
Selco 24% Molasses Dairy Feed

Collis Products Co., 201 Custer St., St. Paul, Minn.

Collis Process Pure Dried Buttermilk

Commander-Larrabee Co., Minneapolis, Minn.
Sunfed Wheat Standard Middlings

Commander Milling Co., Minneapolis, Minn.
Commander Wheat Bran

G. E. Conkey Co., Cleveland, Ohio.

Conkey's All Grain Horse and Mule Feed
Conkey's All Mash Chick Ration with Y-O
Conkey's Chick Grains
Conkey's Dairy Feed 24% Protein
Conkey's Gecco Chick Grains
Conkey's Gecco Dairy Feed 20% Protein
Conkey's Gecco Egg Mash
Conkey's Gecco Egg Mash with Y-O
Conkey's Gecco Growing Grains
Conkey's Gecco Growing Mash
Conkey's Gecco Growing Mash with Buttermilk and Y-O
Conkey's Gecco Scratch Grains
Conkey's Geccofat Station Fattener
Conkey's Growing Grains
Conkey's Horse Feed with Alfalfa and Molasses
Conkey's Red Seal Dairy Feed 16% Protein
Conkey's Red Seal Laying Mash
Conkey's Red Seal Scratch Grains
Conkey's Scratch Grains
Conkey's (The Original) Starting Feed with Buttermilk and Y-O
Superior Scratch Grains

Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.
The Conn. Fat Rend. & Fertz. Corp. Meat Scrap

Consolidated By-Product Co., 30th and Race Sts., Philadelphia, Pa.
Consolidated Beef & Bone Scrap

Consolidated Feed & Grain Company, Inc., 910-916 Chamber of Commerce Bldg., Buffalo, N. Y.
Bison Dried Skimmilk

Consolidated Products Co., 2400 Lake Park Ave., Chicago, Ill.
Pure Dried Buttermilk
Pure Dried Skim Milk

Consolidated Rendering Co., Boston, Mass.
Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry

Copeland Flour Mills, Ltd., Midland, Ontario, Canada.
Copeland's Dandy Bran
Copeland's Dandy Shorts

Corn Products Refining Co., 17 Battery Place, New York City.
Buffalo Corn Gluten Feed
Diamond Corn Gluten Meal

C. A. Cowles, Plantsville, Conn.
C. A. Blue Seal Mash
C. A. Cowles' 20% Dairy Ration
Cowles' 24% Dairy Ration
Cowles' Scratch Feed

Chas. M. Cox Co., Boston, Mass.

Argentine Wheat Bran
Argentine Wheat Standard Middlings
Lake Woods Wheat Bran
Lake Woods Shorts
Pioneer Wheat Bran
Pioneer Wheat Shorts, (Western Canada Flour Mills, Ltd., Toronto, Ont.)
Sherwin-Williams Screwpress Linseed Oil Cake Meal, (Sherwin-Williams Co. Ltd., Canada)

Crosby Milling Co., Brattleboro, Vt.

Crosby's Balanced 25 Ration
Crosby's Egg Mash
Crosby's Growing Feed
Crosby's Mixed Feed
Crosby's Ready Ration
Crosby's Scratch Feed
Crosby's Stock Feed
Crosby's Sweetened Ready Ration
Crosby's 22% Dairy Feed

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
Prosperity Laying Mash
Prosperity Scratch Feed
Prosperity Special Dairy Feed
Prosperity Stock Feed

Dairymen's League Co-Operative Association, Inc., 11 West 42nd St., New York City.

Dairylea Dried Skim Milk

R. G. Davis & Sons, Inc., New Haven, Conn.

Basic Dairy Ration
Davis Buttermilk Mash
Davis Horse Feed
Davis #1 Provender
Davis Scratch Feed
Davis Stock Feed
20% Open Formula

Decatur Milling Co., Decatur, Ill.

Homco Brand Hominy Feed

Delaware Mills, Inc., Deposit, N. Y.

Brooklawn Special Scratch Feed
Delaware Broiler Mash
Delaware Chick Grains
Delaware Dairy Feed
Delaware Growing Mash (with Dried Milk)
Delaware Stock Feed
Delaware Sweet 24% Dairy Feed
Delco 20% Dairy Feed
Double Circle Scratch Grains
Indian Laying Mash (with Dried Milk)
New York Feed & Grain Special Dairy Feed

Denver Alfalfa Milling & Products Co., Lamar, Colo.

Alfalfa Leaf Meal
Alfalfa Meal

Dewey Bros. Co., Blanchester, Ohio.

Corn 3D (Dewey's Distillers Dried) Grains

Dietrich & Gambrill, Inc., Frederick, Md.

Canton Scratch Feed
Corn and Oats Chop
Frederick Growing Mash
Frederick Laying Mash
Gambrill's A. I. Dairy
Gambrill's Chick Feed
Gambrill's Chick Starter
Gambrill's Developing Scratch Feed
Gambrill's Growing Mash
Gambrill's Horse Feed
Gambrill's Laying Mash
Gambrill's Scratch Feed
Gambrill's Stock Feed
Pen Mar Dairy Feed

Dominion Flour Mills, Ltd., Montreal, Canada.

Dominion Shorts

Dry Milk Company, Inc., 205 E. 42nd St., New York City

Chikora Pure Skim Milk

Arthur G. Dunn, 82 Wall St., New York City.

Argentine Wheat Bran
Argentine Wheat Middlings

Early & Daniel Co., Inc., Cincinnati, Ohio.

Tuxedo Soy Bean Oil Meal

Eastern Cotton Oil Co., 600 Board of Trade Bldg., Norfolk, Va.

Eastern Fish Meal

Eastern Grain Co., Bridgewater, Mass.

Pure Dried Skim Milk Powder

Eastern States Farmers' Exchange, Springfield, Mass.

Eastern States Broiler Ration
Eastern States Broiler Ration with Cod Liver Oil
Eastern States Calf Ration¹
Eastern States Developer
Eastern States Developer with Cod Liver Oil
Eastern States Egg Mash
Eastern States Fitting Ration
Eastern States Fulpail Dairy Ration
Eastern States Highland 12
Eastern States Highland 20
Eastern States Horse Feed¹
Eastern States Milk Egg Mash with Cod Liver Oil

¹Eastern States Horse Feed and Eastern States Calf Ration were later combined in one formula.

Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)

Eastern States Milkmore Dairy Ration
Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$ by weight
Eastern States Scratch Grains with Coarse Cracked Corn
Eastern States Sixteen Dairy Ration
Eastern States Starting and Growing Mash with Cod Liver Oil
Eastern States Turkey Grow
Eastern States Turkey Start

B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago, Ill.

Standard Wheat Middlings and Screenings
Wheat Bran and Screenings

S. T. Edwards & Co., Inc., 110 North Franklin St., Chicago, Ill.

Butterfly Dried Skimmed Milk (for animal and poultry feed)
Yankee Dried Buttermilk (for animal and poultry feed)

Elmore Milling Co., Inc., Oneonta, N. Y.

Economilk Dairy Feed
Elmore Chick Feed
Elmore Chixsaver
Elmore Egg Mash
Elmore Fitting Ration
Elmore Growing Mash
Elmore's Hog Ration
Elmore Horse Feed with Molasses
Elmore (Storrs' Formula) Laying Mash
Elmore's Makemgrow Little Pig Ration
Elmore Milk Grains
Elmore Milk Grains, Junior
Elmore Pure Ground Corn and Oats
Elmore Scratch Feed
Elmore Snow Middlings
Elmore Stock Feed
Elmore's Sugared Feedall
Elmore's Super Silage
Elmore Sweet Digesto Dairy Feed
Elmore "Three Point" Calf Meal
Emco Feed
Granger Ration
Otsego Economy Ration
Elmore-Waldorf Formula
Elmore's "Xtragood" Wheat Feed

John W. Eshelman & Sons, Lancaster, Pa.

Dried Beet Pulp
Eshelman Certified 20% Dairy Ration
Eshelman Certified 24% Dairy Ration
Eshelman Certified Fitting Ration
Eshelman Certified Laying Mash
Eshelman Challenge Dairy Feed
Eshelman Choice Mixed Wheat Feed
Eshelman Conestoga 20 Dairy Feed
Eshelman Golden Rod 25 Dairy Feed
Eshelman Imperial Scratch Feed
Eshelman Lancaster 20 Dairy Feed
Eshelman Lancaster 60 Horse Feed
Eshelman Lancaster Scratch Feed

John W. Eshelman & Sons, Lancaster, Pa.—(Continued)

Eshelman Liberty Horse Feed
 Eshelman Open Formula 20 Dairy Feed
 Eshelman's Pennsy 16 Dairy Feed
 Eshelman Pennsy Scratch Feed
 Eshelman Red Rose Calf Starter
 Eshelman Red Rose Chick Feed
 Eshelman Red Rose Chick Starter
 Eshelman Red Rose 24 Dairy Feed
 Eshelman Red Rose Fattening Mash
 Eshelman Red Rose Growing Mash
 Eshelman Red Rose Hog Meal
 Eshelman Red Rose 85 Horse Feed
 Eshelman Red Rose Laying Mash
 Eshelman Red Rose Pure Ground Corn and Oats
 Eshelman Red Rose Scratch Feed
 Eshelman Red Rose Stock Feed
 Eshelman S-O-S
 Eshelman Steamed-Cooked Horse Feed
 Eshelman Wheat Flour Middlings
 Eshelman Wheat Red Dog

Evans Milling Co., Indianapolis, Ind.

Emco Hominy Feed

Fairfield Western Maryland Dairy, Baltimore, Md.

Feed-O-Lac
 Skim Milk Powder

Fairmont Creamery Co., Omaha, Neb.

Fairmont's Better Pure Flake Buttermilk

Farmers' Feed Co., 532 East 76th St., New York City.

"Bull Brand" Dried Brewers Grains

Flory Milling Co., Inc., Bangor, Pa.

Blue Mountain Horse Feed
 Butterfat Dairy Feed
 Cream-O-Milk Dairy Feed
 Flory's All Mash Starting and Growing Ration
 Flory's Baby Chick Feed
 Flory's Certified Fitting Ration
 Flory's Chick Starter
 Flory's Dairy Feed
 Flory's Egg Mash
 Flory's Growing Mash
 Flory's Horse Feed
 Flory's Intermediate Chick Feed
 Flory's Scratch Feed
 Golden Egg Laying Mash
 Golden Egg Scratch Feed
 Record Dairy Feed
 Record Stock Feed
 Sunray Scratch Feed

F. A. Forbes, East Haven, Conn.

R-Own Dairy Ration
 R-Own Mash
 R-Own Scratch Feed

J. A. Forrest, 819 Security Bldg., Minneapolis, Minn.

Alpine Ground Feeding Oatmeal

Fort Schuyler Farms, Inc., 49 Franklin Square, Utica, N. Y.

Fort Schuyler Farms Superior Quality Powdered Skim Milk

R. T. Friend, Lafayette, Ind.

Dry Skimmilk

L. T. Frisbie Co., New Haven, Conn.

Frisbie's Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry

Frisbie's Poultry Feed 45%

Frisbie's Poultry Feed 50%

Frisbie's Poultry Feed 55%

J. B. Garland & Son, 15 Grafton St., Worcester, Mass.

Garland's Growing Mash

Garland's Poultry Mash

Royal Worcester Complete Ration

Royal Worcester Scratch Feed

General Mills, Inc., Minneapolis, Minn.

Eventually Gold Medal Chick Feed—No Grit

Eventually Gold Medal Chick Ration

Eventually Gold Medal Dairy Ration

Eventually Gold Medal Developing Feed—No Grit

Eventually Gold Medal Egg Mash for Breeding and Laying

Eventually Gold Medal Growing Mash

Eventually Gold Medal Pig and Hog Meal

Eventually Gold Medal Scratch Feed—No Grit

Washburn's Gold Medal Fancy Mixed Feed

Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings

Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings

Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings

Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.

Gorton's Codfish Meal

D. H. Grandin Milling Co., Jamestown, N. Y.

Grandin's Baby Chick Feed

Grandin's Baby Chick Starter with Buttermilk

Grandin's Baby Chick Starter with Buttermilk-Cod Liver Oil

Grandin's Complete Starting Ration with Buttermilk-Cod Liver Oil

Grandin's Growing Mash with Buttermilk

Grandin's Growing Mash with Buttermilk-Cod Liver Oil

Grandin's Intermediate Chick Feed

Grandin's Laying Mash with Buttermilk

Grandin's Screened Scratch Feed

Grandin's Stock Food

Grandin's Sweetened 20% Dairy Feed

Grandin's Sweetened 24% Dairy Feed

Grandin's Sweetened Horse Feed

M-S (Money-Saver) 20% Sweet Dairy Feed

M-S (Money Saver) 24% Sweet Dairy Feed

Great Atlantic & Pacific Tea Co., 504 Hodgson Bldg., Minneapolis, Minn.

Daily Egg Mash Feed
Daily Egg Scratch Feed

Hales & Hunter Co., 166 W. Jackson Blvd., Chicago, Ill.

College Horse Feed
H. & H. Sugared Stock Feed
Red Comb Chick Starter with Dried Buttermilk
Red Comb Duck Grower
Red Comb Duck Starter with Dried Buttermilk
Red Comb Egg Mash with Dried Buttermilk
Red Comb Growing Mash with Dried Buttermilk
Red Comb Scratch Feed, No Grit

Frank B. Ham & Co., Ltd., Toronto, Canada.

Hamco Wheat Bran
Hamco Wheat Shorts

William Hamilton & Son, Inc., Caledonia, Livingston County, N. Y.

Wheat Bran with Ground Screenings
Wheat Middlings

Hecker-H-O Co., Inc., Buffalo, N. Y.

Oat Mill Feed

Hecker-Jones-Jewell Milling Co., 503 Seneca St., Buffalo, N. Y.

Choice Wheat Bran
Red Dog Flour
Wheat Standard Middlings

Hershey Creamery Co., Harrisburg, Pa.

"Chick-O-Lac"
"Hershey's Superior" Powdered Skim Milk

Hubinger Co., Keokuk, Iowa

Ke OK uk Corn Gluten Feed

Humphreys-Godwin Co., Memphis, Tenn.

Bull Brand Cottonseed Meal
Danish Brand Cottonseed Feed
Dixie Brand Cottonseed Meal

Imperial Grain & Milling Co., Toledo, Ohio.

Imperial Steam Cooked Feed

International Milling Co., Minneapolis, Minn.

Blackhawk Pure Wheat Bran
Blackhawk Wheat Flour Middlings
Blackhawk Wheat Red Dog
Blackhawk Wheat Standard Middlings

Henry James & Sons, Inc., 20 Stockbridge St., Springfield, Mass.

Cooked Meat and Bone Scrap
Special Cooked Meat and Bone Scraps

Jersee Co., Minneapolis, Minn.

Just Right Chick Starter
Just Right Egg Mash
Just Right Growing Mash

Kansas Flour Mills Corp., 1000 New York Life Bldg., Kansas City, Mo.
Big Flake Pure Wheat Bran

Kellogg Co., Battle Creek, Michigan.
White Hominy Feed

Spencer Kellogg & Sons, Inc., Buffalo, N. Y.
Kellogg's 37% Protein Pure Old Process Linseed Meal

Kelloggs & Miller, Inc., Amsterdam, N. Y.
"K & M" Brand Pure Old Process Linseed Oil Meal

Kent Dairy Products Corp., Inc., West Plains, Mo.
Kent Dairy Products Corporation Skim Milk Powder

H. H. King Flour Mills Co., Minneapolis, Minn.
"Gold Mine" Feed

Kraft-Phenix Cheese Corp., 400 Rush St., Chicago, Ill.
Milk Sugar Feed (Kraco)

Charles A. Krause Milling Co., Milwaukee, Wis.
A-Beet-O Dairy Ration
Badger White Hominy Feed
Sweet Cud Dairy Ration

A. S. Labieniec, Kensington, Conn.
Reliable 20 Dairy Feed
Reliable Laying Mash

Laden Bros. Co., Inc., Wallingford, Conn.
Laden's Baby Chick Starter
Laden's Dairy Feed
Laden's Growing Mash
Laden's Laying Mash

Lamar Alfalfa Milling Co., Lamar, Colo.
Alfalfa Leaf Meal

Land O'Lakes Creameries, Inc., Minneapolis, Minn.
Dried Buttermilk
Dried Skimmilk

Larabee Flour Mills Co., Kansas City, Mo.
Pure Winter Wheat Bran
Winter Wheat Bran with Ground Wheat Screenings

Larrowe Milling Co., Box 68 North End Station, Detroit, Mich.
Dried Beet Pulp
Dried Molasses-Beet Pulp
Imported Dried Beet Pulp
Larro Broiler Feed
Larro Chick Grains
Larro Chick Starter
Larro Egg Mash
Larro Growing Grains
Larro Growing Mash
Larro Hog Feed

Larrowe Milling Co., Box 68 North End Station, Detroit, Mich.

(Continued)

Larro Poultry Fattening Feed
 41% Protein Cottonseed Meal Prime Quality
 43% Protein Cottonseed Meal Choice Quality
 Larro Scratch Grains
 Larro (The Ready Ration for Dairy Cows)
 Larro Turkey and Game Bird Adult Mash
 Larro Turkey and Game Bird Developer
 Larro Turkey and Game Bird Starter

Lincoln Farm Products Corp., 407 E. 31st St., New York City.

Farm Brand Meat Scraps
 Farm Brand Meat and Bone Scrap

C. W. Lines Co., 173 Chestnut St., New Britain, Conn.

Homestead Dry Mash
 Homestead Scratch Feed
 Mill Pride Dairy Ration
 Mill Pride Fancy Scratch Feed
 Mill Pride Milk Mash

Lister Food Co., Inc., Delhi, N. Y.

Pure Dried Skimmilk Powder

Litchfield County Cooperative Association, Torrington, Conn.

Common Sense Dairy
 Common Sense Growing Mash
 Common Sense Laying Mash

Long Hill Feed Store, Long Hill, Conn.

Square Deal Dairy Ration
 Square Deal Buttermilk Laying Mash

L. B. Lovitt & Co., Memphis, Tenn.

"Lovit Brand" 36% Cottonseed Meal
 "Lovit Brand" 41% Cottonseed Meal
 "Lovit Brand" 43% Cottonseed Meal

E. Manchester & Sons, Winsted, Conn.

Huntington Red Star Egg Mash
 Red Star Dairy Feed
 Red Star Egg Mash
 Red Star Flour Middlings
 Red Star Mixed Feed
 Red Star Scratch Feed
 Red Star Starting Mash
 Red Star Sweet Sixteen
 Special Dairy Feed

The Mann Bros. Co., Buffalo, N. Y.

The Mann Bros. Co. 34% Protein Pure Old Process Linseed Meal

Maritime Milling Co., Inc., 1109 Chamber of Commerce, Buffalo, N. Y.

B-B Daisy Chick Feed
 B-B Daisy Egg Mash with Dried Buttermilk
 B-B Daisy Horse Feed with Alfalfa and Molasses
 B-B Daisy Scratch Feed

Maritime Milling Co., Inc., 1109 Chamber of Commerce, Buffalo, N. Y.*(Continued)*

B-B Egg Red-E Mixt Mash with Dried Buttermilk
B-B Hi-Test Dairy Feed 20%, Sweetened
B-B Hi-Test Dairy Feed 24%, Sweetened
B-B Hi-Test Stock Feed, Sweetened
B-B Marmico 16% Dairy Feed with Molasses
B-B Meadow Sweet Supplemental Dairy Feed with Molasses
B-B (Bull Brand) Calf Meal
B-B (Bull Brand) Heavy Mixed Feed
B-B (Bull Brand) Wheat Flour Middlings
Bull Brand Chick Feed
Bull Brand Dairy Ration
Bull Brand "20" Dairy Ration, Sweetened
Bull Brand "24" Dairy Ration, Sweetened
Bull Brand Developing Feed
Bull Brand Horse Feed with Alfalfa and Molasses
Bull Brand Laying Mash with Dried Buttermilk
Bull Brand Scratch Feed
Bull Brand Stock Feed
Farmer's B-B Mixing Feed, Sweetened
Red Dog B-B Wheat Flour
Vitimized B-B Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil
Vitimized B-B Red-E-Mixt Egg Mash with Dried Buttermilk and Cod Liver Oil
Vitimized Bull Brand All Mash Broiler and Growing Ration
Vitimized Bull Brand All Mash Chick Starter Ration
Vitimized Bull Brand Chick Starter with Cod Liver Oil and Dried Buttermilk
Vitimized Bull Brand Growing Mash

C. J. Martenis Grain Co., L-3 Produce Exchange, New York City.

Alco Dried Brewers Grains
Argentine Wheat Bran
Brazilian Wheat Bran
Dried Beet Pulp (Baltic Feed)

Meador Milling Co., Inc., Hoboken, N. J.

Arrowhead Horse Feed
Purifine Linseed Oil Meal

Meech & Stoddard, Inc., 75 North Main St., Middletown, Conn.

Red Wing Dairy Ration with Brewers Grains
Red Wing Mixed Feed
Red Wing Molasses Horse Feed
Red Wing Scratch Feed
Red Wing Special Buttermilk Chick Starter
Red Wing Special Buttermilk Growing Feed
Red Wing Special Buttermilk Laying Mash
Red Wing Special Chick Feed
Red Wing Special Dairy Ration with Brewers Grains
Red Wing Special Intermediate Chick Feed
Red Wing Special Scratch Feed
Red Wing Special Stock Feed
Red Wing Stock Feed

Mennel Milling Co., Toledo, Ohio.

Mennel's Scratch Grains for Poultry—No Grit
 Memo All Mash Ration
 Memo Egg Mash
 Memo 16% Dairy Feed
 Memo 20% Dairy Feed
 Memo 16% Sweet Dairy Feed
 Memo 22% Sweet Dairy Feed
 Memo 24% Sweet Dairy Feed
 Memo 85% Grain Horse Feed (with molasses)
 Memo Pure Hard Wheat Bran
 Memo Soft Wheat Flour Middlings

Miller Cereal Mills, Omaha, Neb.

Hominy Feed

Milmine-Bodman & Co., Inc., 115 Produce Exchange, New York City

Dried Beet Pulp

Miner-Hillard Milling Co., Wilkes-Barre, Pa.

No. 1 Scratch Feed
 Rye Middlings
 "1795" Steam Cooked Corn and Oats
 Steam Cooked Hominy Feed

Geo. Q. Moon & Co., Inc., 201 Chenango St., Binghamton, N. Y.

Moon's Baby Chick Grains
 Moon's Baby Chick Starter Mash
 Moon's 20% Dairy Feed with Molasses
 Moon's 24% Dairy Ration
 Moon's X Dairy Ration
 Moon's Developing Grains
 Moon's Fresh Ground Mixed Feed
 Moon's Fresh Ground White Middlings
 Moon's Growing Mash
 Moon's Hominy Feed
 Moon's Laying Mash with Dried Buttermilk
 Moon's Scratch Feed
 Moon's Special A Laying Mash with Dried Buttermilk
 Moon's Stock Feed
 Moon's Wheat Bran

Moran-Patton Co., 234 Cedar St., New Haven, Conn.

C-B Mash

Fred C. Morse & Son, Guilford, Conn.

Old Mill 20% Dairy Feed
 Old Mill Dairy Feed 24%
 Old Mill Fitting Feed
 Old Mill Growing Mash
 Old Mill Horse Feed
 Old Mill Laying Mash
 Old Mill Laying Mash with Milk
 Old Mill Provender
 Old Mill Scratch Feed
 Old Mill Starting and Growing Mash

James F. Morse & Co., Ward & Horace Sts., Somerville, Mass.
Morse's Meat Scraps

Mt. Vernon Milling Co., Mt. Vernon, Ind.
Poco Hominy Feed

National Feed Co., 311 Merchants Exchange, St. Louis, Mo.
Hominy Feed

National Milling Co., Toledo, Ohio
Namico

New England By-Products Corp., 20 West St., Lawrence, Mass.
Blue Seal Meat Scraps 50%

Niagara Falls Milling Co., Lockport, N. Y.
Choice Wheat Red Dog
Niagara Standard Wheat Bran
Niagara Standard Wheat Midds

Northwestern Consolidated Milling Co., Minneapolis, Minn.
Planet Feed
Pure Wheat Bran
Wheat Flour Middlings N. E. M. R.
Wheat Mixed Feed N. E. M. R.
Wheat Standard Middlings N. E. M. R.
XXX Comet

Nowak Milling Corp., Hammond, Ind.
Domino Egg Pel-ets
Domino 24½% Dairy Feed
Domino Developing Feed
Domino Laying Mash with Buttermilk
Domino Scratch Feed
Domino Vim-O-Lene Horse Feed
Fidelity Stock Feed
Marathon Chick Feed
Marathon Dairy Feed

Ogilvie Flour Mills Co., Ltd., Montreal, Canada.
Ogilvie's Wheat Bran
Ogilvie's Wheat Shorts

Ontario Milling Co., Inc., Oswego, N. Y.
Aunt Mary's Chick Starting Mash with Dried Buttermilk and Cod Liver Oil
Aunt Mary's Coarse Chick Grains
Aunt Mary's Egg Mash with Dried Buttermilk
Aunt Mary's Egg Mash with Dried Buttermilk and Cod Liver Oil
Aunt Mary's Fine Chick Grains
Aunt Mary's Growing Mash with Dried Buttermilk
Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil
Aunt Mary's Scratch Feed
Big Value Dairy Feed
Big Value 16% Dairy Feed with Molasses
Big Value 20% Dairy Feed with Molasses
Butterfat Dairy Feed with Molasses

Ontario Milling Co., Inc., Oswego, N. Y.—(Continued)

Ontario Heavy Mixed Feed
 Onto Horse Feed with Molasses
 Oswego 20% Dairy Feed with Molasses
 Oswego Egg Mash with Dried Buttermilk
 Oswego Fine Chick Grains
 Oswego Scratch Feed
 Sunshine Scratch Feed
 Uncle John's 24% Cream Pot Ration
 Uncle John's Stock Feed
 Uncle John's Stock Feed with Molasses

S. V. Osborn Estate, Branford, Conn.

Osborn Mash
 Osborn Provender
 Osborn Scratch

Park & Pollard Co., Inc., Buffalo, N. Y.

All-In-One Starting Feed
 Bet-R-Milk 20% Ration
 Bison Stock Feed, Sweetened
 Chelsea Horse Feed
 Claco Dairy Ration
 Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$
 Feed Meal
 Fitting Ration
 Go Tu It Pig and Hog Ration
 Growing Feed
 Growing Feed with Cod Liver Oil
 Herdhelth 16% Ration
 Holcomb's Sweetened 20% Dairy Ration
 Intermediate Chick Feed
 Lay or Bust Dry-Mash
 Lay or Bust Dry-Mash with Cod Liver Oil
 Milkade Calf Meal
 Milk-Maid 24% Sweetened Dairy Ration
 Overall 24% Dairy Ration
 Park & Pollard Broiler Ration
 Park & Pollard Chick Scratch
 Park & Pollard Chick Starter
 Park & Pollard Heavy Wheat Mixed Feed
 Park & Pollard Horse Feed
 Park & Pollard Light Wheat Mixed Feed with Screenings
 Park & Pollard Stock Feed
 Park & Pollard Turkey Grower
 Park & Pollard Turkey Starter
 Red Ribbon Chick Feed
 Red Ribbon Scratch Feed
 Special 20% Dairy Ration
 Top Notch 16% Ration
 Wheat Flour Middlings

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Pecos Valley Alfalfa Mill Co., Hagerman, N. Mex.

Alfalfa Stem Meal
 Peevee Alfalfa Meal

Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa

Douglas Corn Gluten Feed
Sweetened Douglas Corn Gluten Feed

Pillsbury Flour Mills Co., Minneapolis, Minn.

Palisade Scratch Feed
Pillsbury's Dairy Ration 20%
Pillsbury's Durum Wheat Bran and Screenings
Pillsbury's Fancy Mixed Feed and Screenings
Pillsbury's Hard Wheat A Middlings and Screenings
Pillsbury's Hard Wheat Standard B Middlings and Screenings
Pillsbury's Hard Wheat Bran and Screenings
Pillsbury's Rye Middlings and Screenings
Pillsbury's Wheat Bran and Screenings
Pillsbury's Wheat Gray Shorts
Pillsbury's XX Daisy

Pittsburgh Plate Glass Co., 2-10 Chester Ave., Newark, N. J.

Red Wing Linseed Meal

Frank S. Platt Co., 450 State St., New Haven, Conn.

Platco Laying Mash
Platco Perfection Grain Mixture

Postum Co., Inc., Battle Creek, Mich.

Burt's Dairy Feed
Burt's Hominy Feed

Pratt Food Co., Hammond, Ind.

Oat Feed (Buffalo Mills)
Pratt's All Mash Starter and Grower with Buttermilk
Pratt's Baby Chick Food with Buttermilk
Pratt's Broiler Mash with Buttermilk
Pratt's Chick Scratch Feed
Pratt's Circle A Chick Scratch Feed
Pratt's Circle A Large Scratch Feed
Pratt's Growing Mash with Buttermilk
Pratt's Horse Feed
Pratt's Horse Feed with Alfalfa
Pratt's Intermediate Scratch Feed
Pratt's Large Scratch Feed
Pratt's Laying Mash with Buttermilk
Pratt's Sugared Stock Feed
Pratt's Sweet 20% Dairy Feed
Pratt's Sweet 24% Dairy Feed
Pratt's Utility Horse Feed
Pratt's White Hominy Feed (Buffalo Mills)

Charles W. Priddy & Co., Inc., Norfolk, Va.

"The Best" Fish Meal

H. C. Puffer Co., 194 Lyman St., Springfield, Mass.

Egg-Em-On Growing Feed
Egg-Em-On Laying Mash
Egg-Em-On Scratch Feed
Monarch Dairy Feed, Sweetened
Producer Dairy Feed 20%
Producer Dairy Feed 24%
Sweetened Producer Dairy Feed 20%

Quaker Oats Co., 141 West Jackson Blvd., Chicago, Ill.

Banner Feed
 Bell Cow Brand
 Bell Cow Shorts
 Big Egg Scratch Grains
 Buckeye Feed
 Early Bird Coarse Chick Feed
 Horse Power Feed
 Quaker Ful-O-Pep Broiler Mash
 Quaker Ful-O-Pep Chick Starter
 Quaker Ful-O-Pep Coarse Chick Feed
 Quaker Ful-O-Pep Egg Mash
 Quaker Ful-O-Pep Fine Chick Feed
 Quaker Ful-O-Pep Growing Mash
 Quaker Ful-O-Pep Scratch Grains
 Quaker Ful-O-Pep Station Grade Fattening Feed
 Quaker Green Cross
 Quaker Molabulk Feed
 Quaker 16% Protein Dairy Ration
 Quaker 20% Protein Dairy Ration
 Quaker 24% Protein Dairy Ration
 Quaker 18% Protein Pig-N-Hog Meal
 Quaker Schumacher Feed
 Quaker Sugared Schumacher Feed
 Quaker Thorobred Horse Feed
 Richford White Diamond
 Schumacher Calf Meal
 Schumacher Little Chick Feed, No Grit
 Schumacher Scratch Grains, No Grit
 Sugared Vim Feed
 Vim Feed
 White Star Stock Feed-Fine
 White Hominy Feed
 Yellow Hominy Feed

Rach Milling Co., Cairo, Ill.

RMC Brand Cottonseed Cake or Meal

Ralston Purina Co., St. Louis, Mo.

Corn Feed Meal
 Corn and Oat Provender
 Dried Beet Pulp
 Fine Ground Poultry Alfalfa Meal
 Protena 16% Dairy Feed
 Protena 20% Dairy Feed
 Protena 24% Dairy Feed
 Protena 24% Dairy Feed (Buffalo Mill)
 Protena Scratch Feed (Buffalo Mill)
 Protena Sweet Roughage Feed
 Protena Sweet Roughage Feed (Buffalo Mill)
 Protena Stock Feed
 Purina All Mash Startena Chow Containing Mineral
 Purina Blue Checker Grainola Feed
 Purina Breeder Egg Chowder Containing Mineral
 Purina Bulky Cow Chow
 Purina Bulky Las Chow (Buffalo Mill)
 Purina Bulky Omolene Chow
 Purina Calf Chow

Ralston Purina Co., St. Louis, Mo.—(Continued)

Purina Checkerboard Rolled Oats (Steam Cooked)
Purina Chick Chow
Purina Chicken Fat Chow Containing Mineral
Purina Chicken Fatena Chow Containing Mineral
Purina Chick Growena Chow Containing Mineral
Purina Chick Startena Chow Containing Mineral
Purina 20% Cow Chow (Buffalo Mill)
Purina 24% Cow Chow (Buffalo Mill)
Purina 34% Cow Chow
Purina Egg Chowder (With Cod Liver Oil)
Purina Egg Chowder (With Dried Buttermilk)
Purina Egg Chowder Containing Mineral
Purina 32% Egg Chowder Containing Mineral
Purina Fitting Chow
Purina Hen Chow
Purina Hog Fatena Chow
Purina Intermediate Hen Chow
Purina Lamb Chow
Purina Lay Chow (With Cod Liver Oil)
Purina Lay Chow (With Dried Buttermilk)
Purina Lay Chow Containing Mineral
Purina Omolene Chow
Purina Pig Chow
Purina Pig and Hog Chow
Purina Red Bag Steer Chow (in checker form)
Purina Red Bag Steer Fatena Chow

John Reardon & Sons Co., Cambridge, Mass.

45% Register Brand Meat and Bone Scraps
55% Register Brand Meat Scraps

Red Wing Milling Co., Red Wing, Minn.

Red Wing Special Wheat Bran with Screenings

Robin Hood Mills, Ltd., Moose Jaw and Calgary, Canada

Blackhawk Wheat Standard Middlings
Superior Pure Wheat Bran
Superior Pure Wheat Shorts

Fred H. Rolf, Inc., Guilford, Conn.

Hubbard's Egg Producer

Ronck & Bevis Co., 940 North Front St., Philadelphia, Pa.

Ro-Be Dried Tomatoes

Russell-Miller Milling Co., Minneapolis, Minn.

Alta Hard Wheat Middlings
Hard Wheat Occident Bran
Hard Wheat Occident Flour Middlings
Hard Wheat Occident Mixed Feed
Hard Wheat Occident Standard Middlings

Russia Cement Co., Gloucester, Mass.

Chic-Chuck "The Ideal Concentrated Poultry Food"

Wolf Savitsky, Shelton, Conn.

Wolf's Egg Mash
Wolf's Dairy Ration
Wolf's Scratch Feed

Seymour Grain & Coal Co., Seymour, Conn.

Miracle Chick Feed
Miracle Chick Grower
Miracle Chick Starter
Miracle Cow Feed
Miracle Fitting Ration
Miracle Laying Mash
Miracle Molasses Horse Feed
See More Egg Buttermilk Mash
See More Egg Scratch Feed
See More Milk Dairy Feed

Shelton Feed Co., Inc., Shelton, Conn.

Nelson Mixed Chicken Feed

W. G. Slugg, Milwaukee, Wis.

Slugg's Pure Dried Skim Milk Feed

Ike Sovitsky, Ansonia, Conn.

Ansonia 20% Protein Sweetened Dairy Ration
Ansonia Egg Mash with Buttermilk
Ansonia Scratch Feed
Ansonia Stock Feed

Springfield Rendering Co., Springfield, Mass.

Springfield Poultry Feed

A. E. Staley Mfg. Co., Decatur, Ill.

Staley's Corn Gluten Feed
Staley's Soybean Oil Meal

Staley Milling Co., Kansas City, Mo.

Hy Power Hominy Feed

John T. Stanley Co., 642 West 30th St., New York City

Stanley's Meat and Bone Scrap

St. Albans Grain Co., St. Albans, Vt.

Brewers' Dried Grains
Corn Distillers' Dried Grains
Hygrade Fitting Ration or Stock Feed
Hygrade 16 Sweetened Milk Ration
Hygrade 20 Sweetened Milk Ration
Hygrade 24 Sweetened Milk Ration
King Baby Chick Starter containing Cod Liver Meal-Buttermilk-Cod Liver Oil
King Chick Feed
King Dairy Feed with Beet Pulp, Sweet
King 20 Dairy Feed, Sweetened
King Flour Middlings
King Growing Feed containing Buttermilk
King Horse Feed
King Intermediate Chick Feed

St. Albans Grain Co., St. Albans, Vt.—(Continued)

King Mash Feed containing Buttermilk
King Mash Feed containing Cod Liver Oil-Buttermilk
King 22 Milk Ration, Sweetened
King Scratch Feed
King Stock Feed
Paragon Dairy Feed, Sweetened
Paragon Dairy Feed, Unsweetened
Paragon Hominy Feed
Paragon Scratch Feed
Pure Dried Skim Milk Powder
Utility Dairy Ration
Utility 60 Pasture Ration
Wirthmore Baby Chick Starter containing Cod Liver Meal-
Buttermilk-Cod Liver Oil
Wirthmore 25 Balanced Ration
Wirthmore 25 Balanced Ration, Sweetened
Wirthmore Calf Meal
Wirthmore Complete Ration for Broilers with Cod Liver Oil
Wirthmore Dairy Feed with Beet Pulp, Sweetened
Wirthmore 16 Dairy Ration, Sweet
Wirthmore 20 Dairy Feed
Wirthmore 20 Dairy Feed, Sweetened
Wirthmore Duck Growing Feed
Wirthmore 14 Fitting Ration
Wirthmore Flour Middlings
Wirthmore Fodder Greens
Wirthmore Gritless Chick Feed (Fine Chick Scratch)
Wirthmore Growing Feed containing Buttermilk
Wirthmore Growing Feed containing Cod Liver Oil-Buttermilk
Wirthmore Horse Feed
Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)
Wirthmore Laying Mash with Buttermilk
Wirthmore Laying Mash containing Cod Liver Oil-Buttermilk
Wirthmore Pig and Hog—A Growing and Fattening Feed
Wirthmore Scratch Feed
Wirthmore Stock Feed
Wirthmore Turkey Growing Feed
Wirthmore Turkey Starter containing Cod Liver Meal-Buttermilk
Wirthmore Wheat Feed

St. Lawrence Flour Mills Co., Ltd., Montreal, Canada.

Bran

D. A. Stickell & Sons, Inc., Hagerstown, Md.

Snap Intermediate Chick Feed
Snap Scratch Grains
Su-Pur Horse and Mule Feed

Charles M. Struven & Co., Baltimore, Md.

Struven's Fish Meal

Swift & Co., Union Stock Yards, Chicago, Ill.

Swift's Blood Flour
Swift's Laymore Meat and Bone Scraps
Swift's Meat and Bone Scraps 50%
Swift's Poultry Bone Meal
Swift's Special Bone Meal

Syracuse Milling Co., Syracuse, N. Y.

Jordan Horse Feed with Molasses
Onondaga Dairy Feed
Onondaga Dairy Feed, Sweetened
Onondaga Scratch Grains
Syragold Chick Feed
Syragold Chick Starter
Syragold Dairy Feed
Syragold Dairy Feed, Sweetened
Syragold Egg Mash
Syragold Feed Meal
Syragold Flour Middlings with Mill Run Screenings
Syragold Ground Corn and Oat Feed
Syragold Growing Mash
Syragold Horse Feed with Molasses
Syragold Laying Mash with Buttermilk
Syragold Milk Ration
Syragold Milk Ration, Sweetened
Syragold Scratch Grains
Syragold Stock Feed

Theobald Animal By-Products Refining Co., Kearney, N. J.

Production Brand Meat and Bone Scrap

Thomaston Supply Co., Thomaston, Conn.

Thomaston Egg Mash
Thomaston Dairy Ration
Thomaston Scratch

Tioga-Empire Feed Mills, Inc., Waverly, N. Y.

Broilertine
Chicatine
Chicatine, with Cod Liver Oil
Derby Corn Meal
Derby-E-Gee Chick Grains
Derby-E-Gee Scratch Feed
Derby Ground Corn and Oats
Duck Fattener
Egatine
Egatine, with Cod Liver Oil
Egatine Full Feed Pellets
E-Gee Dairy Feed
Neverfail Horse Feed
Orco Feed
Red Brand Tioga Dairy Feed
Ti-O-Ga Brood Sow and Pig Feed
Tioga Calf Food
Tioga Chick and Growing Mash
Ti-O-Ga Chick and Growing Mash with Cod Liver Oil Added
Ti-O-Ga Growing Shoaat Feed
Tioga Laying Food
Tioga-Neverfail Chick Grains
Tioga-Neverfail Growing Grains
Tioga-Neverfail Poultry Grains
Tioga Wheat Middlings
Waverly Flour Middlings
White Brand Tioga Dairy Feed

Torrington Grain Co., Torrington, Conn.

Talcott Dairy Ration

Union Sales Corporation, Columbus, Ind.

Union Corn Gluten Feed

United Co-Operative Farmers, Inc., Fitchburg, Mass.

United Farmers Milk Egg Mash

United Farmers Milkmaker

Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.

Upper Hudson Rye Feed

Van Iderstine Co., Long Island City, N. Y.

Vico High Protein Meat Scraps for Poultry

Vico Pure Ground Meat and Bone Scraps

Vico Quality Meat Scraps for Poultry

Van Vechten Milling Co., Inc., Rochester, N. Y.

Irving Mills Rye Feed

F. S. Wertz & Son, Reading, Pa.

Mixed Grains Intermediate for Poultry

Wertz's Horse Feed with Alfalfa and Molasses

West Bay City Sugar Co., Bay City, Mich.

Dried Beet Pulp

West-Nesbitt, Inc., Oneonta, N. Y.

All Pure 20% Milk Ration

Pure Feed Eggmaker

Pure Feed Egg Mash

Pure Feed Scratch Grains

Pure Sweetfeed Dairy Ration

Super Pure Feed Dairy Ration

Worcester Rendering Co., Auburn, Mass.

P. W. Fish Meal

P. W. Meat Scrap

P. W. Special Meat Scrap

Yakima Milling Co., Yakima, Washington.

Sunshine Brand Alfalfa Meal

Yantic Grain & Products Co., Norwich, Conn.

Abington Dairy Feed

Almo

Big (Y) Buttermilk Laying Mash

Big (Y) Chick Grains

Big (Y) Chick Starter

Big (Y) 20% Dairy Ration

Big (Y) 24% Dairy Ration

Big (Y) Fitting Ration

Big (Y) Flour Middlings

Big (Y) Growing Feed with Cod Liver Meal¹

Big (Y) Hog and Pig Ration

Big (Y) Horse Feed

¹This was substituted during the year for Big (Y) Growing Feed.

Yantic Grain & Products Co., Norwich, Conn.—(Continued)

Big (Y) Laying Mash
 Big (Y) Laying Mash with Cod Liver Oil
 Big (Y) Mixed Feed
 Big (Y) Scratch Feed
 Big (Y) Stock Feed
 Big (Y) Sugared Stock Feed¹
 Gingham Girl Scratch Feed
 O. F. Dairy Ration 20%
 O. F. Dairy Ration 24%
 Uncas Scratch Feed

INSPECTION

For the year 1931 a total of 1016 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs	739
Miscellaneous feeds examined for individuals.....	73
Feeds examined for poisons, etc.	4
Pasture grass samples from Storrs station	177
Check samples, cottonseed meal and feed	23
Total	1016

Samples submitted by the Storrs station are not discussed in this Report.

Summaries based upon the analyses of official samples as given in Table 1 are given in Tables 1a and 1b.

Of 739 official samples 89 were deficient in one or more guaranteed items of composition. The total number of deficiencies was 99. The deficiencies in fat were about equal in number to those in protein and fiber combined. The percentage of samples that substantially met or exceeded guaranties is 88. Last year the corresponding percentage was 81.

The total number of deficiencies (99), is distinctly less than the number last year (143).

From Table 1b it is seen that the percentage of individual guaranties met this year is 96. This is an improvement over last year when the percentage was 93.

No violation of the law relating to the use of wire in affixing tags was found.

Microscopic examinations revealed no serious contamination with weed seeds, and in general, ingredients claimed upon tags and in registration statements were substantiated.

NOTE: Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Misses Yale and Langley; sampling by Mr. Churchill; and compilation of results largely by Mrs. Vosburgh.

¹This was substituted later in the year for Uncas Sugared Stock Feed.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Oil seed products		
Cottonseed meal		
6179	Ashcraft-Wilkinson Co., Atlanta, Ga. Helmet	Devon: Webster Coal & Ice Co.
6411	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch	Winsted: E. Manchester & Sons
7753	Ashcraft-Wilkinson Co., Atlanta, Ga. Paramount	Wallingford: A. E. Hall
6234	F. W. Brode Corp., Memphis, Tenn. Owl Brand 41%	Ansonia: I. Sovitsky Grain & Coal Co.
6129	Humphreys-Godwin Co., Memphis, Tenn. Bull.	Guilford: Fred C. Morse & Son
6432	Humphreys-Godwin Co., Memphis, Tenn. Dixie	Willimantic: Willimantic Grain Co.
6309	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 36%	Wallingford: A. E. Hall
6110	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 41%	East Haven: F. A. Forbes ...
6156	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 43%	Thomaston: Thomaston Sup- ply Co.
Linseed meal		
7759	Archer-Daniels Midland Co., Minneapolis, Minn. Old Process	Wallingford: Laden Bros.
6449	Canada Linseed Oil Mills, Montreal, Que. "Maple Leaf" 35%	Rockville: Rockville Grain & Coal Co.
6454	Kelloggs & Miller, Inc., Amsterdam, N. Y. "K & M" Brand Pure Old Process	Manchester: Little & McKinney

INSPECTION OF 1931

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
6.25	7.16	41.00	41.00	9.91	10.00	29.88	5.80	5.50
7.48	5.60	42.44	43.00	10.90	10.00	27.13	6.45	6.00
8.85	5.33	34.50	36.00	15.78	14.00	30.51	5.03	5.00
6.93	6.45	41.06	41.00	9.73	10.00	29.18	6.65	5.00
7.33	5.85	42.88	43.00	10.05	11.00	27.19	6.70	5.00
6.43	6.25	41.81	41.00	11.40	12.00	27.38	6.73	5.00
7.30	5.73	38.31	36.00	13.48	15.00	29.18	6.00	5.00
5.90	6.08	41.38	41.00	12.24	10.00	29.17	5.23	6.00
6.10	5.89	41.50	43.00	11.53	10.00	28.88	6.10	6.00
10.88	5.23	37.13	34.00	7.72	9.00	34.34	4.70	4.50
8.65	4.80	39.13	35.00	7.42	9.00	34.17	5.83	5.00
8.20	5.26	36.00	34.00	8.02	9.00	35.99	6.53	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Oil seed products—(Continued)		
7564	Kelloggs & Miller, Inc., Amsterdam, N. Y., "K & M" Brand Pure Old Process	Shelton: Wolf Savitsky
6154	Spencer Kellogg & Sons, Buffalo, N. Y. Kellogg's 37% Pure Old Process	Thomaston: Thomaston Supply Co.
6231	Mann Bros. Co., Buffalo, N. Y. The Mann Bros. Co. 34% Pure Old Process	Shelton: Wolf Savitsky
7627	Meador Milling Co. Inc., Hoboken, N. J. Purifine	Torrington: Litchfield Co-op. Association
Soy bean meal		
8155	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Soy Bean Meal	Norwich: A. E. Shedd
Wheat products		
Wheat bran		
8432	Commander Milling Co., Minneapolis, Minn. Commander	Jewett City: Jewett City Grain Co.
7649	Copeland Flour Mills, Ltd., Midland, Ont. Copeland's Dandy	Branford: S. V. Osborn Estate .
6250	Chas. M. Cox & Co., Boston, Mass. Argentine	Bristol: Bristol Supply Co. . .
7693	Chas. M. Cox & Co., Boston, Mass. Lake-Woods	So. Norwalk: Roodner Feed Co.
8321	Chas. M. Cox & Co., Boston, Mass. Pioneer	Guilford: F. H. Rolf
7891	Arthur G. Dunn, New York City. Argentine	Middletown: Meech & Stod- dard, Inc.

INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
9.55	9.47	34.13	34.00	7.24	9.00	33.65	5.96	5.00	
8.90	5.03	39.00	37.00	7.13	10.00	34.84	5.10	5.00	
10.35	5.04	37.63	34.00	7.38	10.00	32.95	6.65	6.00	
10.35	5.51	34.94	34.00	8.10	8.00	34.90	6.20	5.00	
9.35	5.82	42.50	40.00	5.78	7.00	31.80	4.75	4.50	
9.53	6.65	16.88	14.00	10.10	12.00	51.70	5.14	4.00	
13.33	5.36	15.75	14.00	10.85	11.50	49.36	5.35	3.50	
10.08	6.36	15.75	13.00	10.03	13.00	53.73	4.05	4.00	
12.75	5.59	15.75	15.00	11.23	11.50	49.08	5.60	3.50	
11.20	5.34	17.50	14.00	9.55	12.00	51.68	4.73	3.50	
11.60	5.86	15.50	13.50	9.80	14.00	52.99	4.25	3.50	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7676	B. A. Eckhart Milling Co., Chicago, Ill.	Milford: Milford Grain Co. ..
7801	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat	Plantsville: C. A. Cowles
7664	Frank B. Ham & Co. Ltd., Toronto, Ont. Hamco	West Cheshire: Cheshire Grain & Coal Co.
7905	Wm. Hamilton & Sons, Inc., Caledonia, N. Y.	Torrington: Torrington Grain Co.
8195	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Choice	Putnam: Dayville Grain & Coal Co.
7709	International Milling Co., Minneapolis, Minn. Black Hawk Pure	Greenwich: T. Loughlin & Son
7910	The Kansas Flour Mills Corp., Kansas City, Mo. Big Flake Pure	Winsted: E. Manchester & Sons
7958	Larrabee Flour Mills Co., Kansas City, Mo. Pure	Farmington: Farmington Grain Co.
8351	Larrabee Flour Mills Co., Kansas City, Mo. Winter	Moodus: M. Levine
6155	C. J. Martenis Grain Co., New York City. Argentine	Thomaston: Thomaston Sup- ply Co.
7890	C. J. Martenis Grain Co., New York City. Brazilian	New Haven: R. G. Davis & Sons
7614	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's	Stratford: Z. C. Ingersoll

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
12.25	5.99	16.69	14.00	9.35	11.00	50.54	5.18	2.50
12.35	6.02	15.50	14.00	10.15	12.00	50.70	5.28	4.00
12.78	5.97	14.63	13.50	10.55	12.00	50.89	5.18	3.00
10.43	5.51	16.50	13.25	9.35	11.50	53.11	5.10	2.90
10.63	6.37	15.75	13.50	9.80	14.00	52.30	5.15	3.50
12.35	5.20	18.88	15.00	8.29	12.00	50.40	4.88	3.20
11.83	6.44	14.88	15.00	9.15	11.00	53.25	4.45	3.50
11.08	7.21	15.19	15.00	9.53	10.00	52.09	4.90	3.50
10.73	6.93	15.63	15.00	8.63	10.00	53.18	4.90	3.50
10.08	6.55	15.75	13.00	9.80	13.00	53.67	4.15	4.00
10.53	6.55	16.19	13.00	10.48	13.00	52.30	3.95	4.00
11.85	4.89	16.50	13.00	7.10	10.00	54.96	4.70	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7654	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard	Derby: Derby Feed Store
6138	Ogilvie Flour Mills, Montreal, Que. Ogilvie's	Hamden: Ira W. Beers
7774	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's	Meriden: Raymond Ives
7667	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat	Shelton: Shelton Feed Co.
6123	Quaker Oats Co., Chicago, Ill. Bell Cow	Guilford: F. H. Rolf, Inc.
7841	Red Wing Milling Co., Red Wing, Minn. Red Wing Special	New Haven: Moran-Patton Co.
7889	Robin Hood Mills, Ltd., Calgary, Alberta. Superior Pure	New Haven: R. G. Davis & Sons
8240	Russell Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident	Danielson: Young Bros. Co. ..
7884	St. Lawrence Flour Mills Co. Ltd., Montreal, Que.	Bristol: Bristol Supply Co. ...
Wheat middlings and similar products		
8314	Commander - Larrabee Co., Minneapolis, Minn. . Sunfed Wheat Standard Middlings	Jewett City: Jewett City Grain Co.
7650	Copeland Flour Mills, Ltd., Midland, Ont. Copeland's Dandy Shorts	Branford: S. V. Osborn Estate
7698	Chas. M. Cox Co., Boston, Mass. Lake-Woods Shorts	So. Norwalk: Roodner Feed Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
12.00	6.40	16.06	15.50	9.30	11.50	50.89	5.35	4.00	
10.13	5.51	16.81	15.00	10.26	11.50	51.71	5.58	3.50	
11.60	5.99	17.75	14.50	7.85	10.00	52.26	4.55	3.50	
11.70	5.30	16.50	14.00	8.58	12.00	52.37	5.55	4.00	
9.40	5.60	17.38	15.00	9.59	10.00	51.80	6.20	3.50	
11.73	5.66	16.38	13.50	10.10	15.60	51.35	4.78	4.10	
11.33	5.34	16.31	15.00	9.70	11.50	51.82	5.50	3.50	
10.20	6.35	18.19	14.00	8.98	11.50	50.85	5.43	4.00	
10.35	5.20	15.88	15.00	10.13	11.50	53.01	5.43	3.50	
9.03	5.65	17.88	14.50	8.15	9.50	53.49	5.80	4.00	
12.40	3.95	18.50	15.00	6.35	8.00	52.62	6.18	5.00	
11.73	4.16	19.50	16.00	6.43	8.00	51.95	6.23	5.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
8322	Chas. M. Cox Co., Boston, Mass. Pioneer Wheat Shorts	Guilford: F. H. Rolf, Inc.
8385	Dominion Flour Mills, Ltd., Montreal, Que. Dominion Shorts	Lebanon: Berkman Grain Co. .
7983	Arthur G. Dunn, New York City. Argentine Wheat Middlings	East Hartford: Stowe & Rondeau
7756	B. A. Eckhart Milling Co., Chicago, Ill. Standard Wheat Middlings	Wallingford: A. E. Hall
6180	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Wheat Flour Middlings	Devon: Webster Coal & Ice Co.
8009	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Flour Middlings	Lebanon: Berkman Grain Co. .
7688	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Standard Middlings	Seymour: Seymour Grain & Coal Co.
7665	Frank B. Ham & Co., Toronto, Ont. Hamco Wheat Shorts	West Cheshire: Cheshire Grain & Coal Co.
8199	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Wheat Standard Middlings	Danielson: Dayville Grain & Coal Co.
7600	International Milling Co., Minneapolis, Minn. Black Hawk Wheat Standard Middlings	Southport: C. Buckingham & Co.
6417	E. Manchester & Sons, Winsted. Red Star Flour Middlings	Winsted: E. Manchester & Sons

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.15	4.49	19.69	16.00	7.23	9.00	52.16	6.28	4.50
9.35	4.30	17.31	16.00	7.30	8.00	56.51	5.23	5.00
9.98	4.69	17.38	13.50	8.60	9.50	55.37	3.98	3.50
11.55	4.69	17.56	15.00	7.38	9.50	53.59	5.23	3.00
10.85	2.80	17.38	16.00	3.85	6.00	61.09	4.03	4.00
10.45	3.96	18.38	16.00	5.40	6.00	56.76	5.05	4.00
11.45	4.82	18.13	15.00	8.40	9.50	51.55	5.65	4.00
11.85	4.45	17.69	15.00	7.05	10.50	52.33	6.63	3.50
10.00	4.97	19.00	15.00	7.15	9.50	52.83	6.05	4.75
11.85	4.72	19.00	16.00	7.00	8.50	51.98	5.45	4.50
10.90	3.52	17.75	15.00	5.53	6.00	57.35	4.95	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7612	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's Fresh Ground White Middlings	Stratford: Z. C. Ingersoll
7655	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard Midds.	Derby: Derby Feed Store
7973	Northwestern Consolidated Milling Co., Minneapolis, Minn. . . Standard Middlings	Bloomfield: Bloomfield Farmers' Exchange
7913	Ogilvie Flour Mills Co. Ltd., Montreal, Que. Ogilvie's Wheat Shorts	Winsted: E. Manchester & Sons
6410	The Park & Pollard Co., Buffalo, N. Y. Wheat Flour Middlings	Winsted: Leonard Grain Co. . .
7924	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat A. Middlings	Canaan: Ives & Pierce
7777	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard Wheat Standard B. Middlings	Kensington: S. F. Labieniec . .
6124	Quaker Oats Co., Chicago, Ill. Bell Cow Shorts	Guilford: F. H. Rolf, Inc. . . .
7634	Robin Hood Mills, Ltd., Calgary, Alberta. Superior Pure Wheat Shorts	Winsted: E. Manchester & Sons
7968	Russell-Miller Milling Co., Minneapolis, Minn. Alta Hard Wheat Middlings	Granby: E. H. Rollins
8312	St. Albans Grain Co., St. Albans, Vt. King Flour Middlings	Willimantic: Willimantic Grain Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.25	2.15	14.81	15.00	1.37	7.50	67.82	2.60	3.50
11.45	6.69	18.31	15.50	6.43	7.00	50.99	6.13	4.50
9.78	4.89	18.50	15.00	8.78	9.50	52.27	5.78	4.00
10.53	4.29	16.63	16.00	7.75	8.00	55.25	5.55	5.00
10.43	3.20	18.13	14.00	4.83	6.00	58.41	5.00	4.00
10.95	3.59	18.88	16.00	5.08	6.00	56.00	5.50	4.00
11.60	4.91	16.38	15.00	7.65	9.50	54.36	5.10	4.00
9.78	3.89	17.00	15.00	7.02	8.00	56.73	5.58	4.00
11.48	4.45	17.88	17.00	6.98	8.00	53.16	6.05	5.00
10.48	4.30	18.00	15.00	6.28	8.50	55.44	5.50	4.50
9.80	4.14	17.38	15.00	5.78	6.00	58.20	4.70	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
7648	St. Albans Grain Co., St. Albans, Vt. Wirthmore Flour Middlings	Branford: S. V. Osborn Estate
8238	Yantic Grain & Products Co., Norwich. Big Y Flour Middlings	Abington: Weeks Bros.
	Wheat red dog	
7852	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's	Chester: Leet Bros.
7720	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Pure Hard Wheat Adrian	Norwalk: Frank Libner & Sons
7859	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.	Higganum: Felix Petrofsky ..
7603	International Milling Co., Minneapolis, Minn. Blackhawk	Bridgeport: Brooklawn Feed Co.
8339	Niagara Falls Milling Co., Lockport, N. Y. Choice	Thomaston: Thomaston Grain & Coal Co.
	Wheat feed (mixed feed)	
8205	Caledonia Mills, Inc., St. Johnsbury, Vt. Brook's Fancy	Ridgefield: Ridgefield Lumber Co.
7819	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Fancy	Southbury: H. R. Stone
7804	H. H. King Flour Mills Co., Minneapolis, Minn. "Gold Mine"	Plantsville: C. A. Cowles
6415	E. Manchester & Sons, Winsted. . . Red Star	Winsted: E. Manchester & Sons

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.43	4.03	16.94	15.00	5.65	6.00	57.22	4.73	4.00
10.10	3.81	17.13	17.00	5.58	5.00	59.48	3.90	5.00
11.73	2.51	17.00	16.00	3.45	4.00	61.81	3.50	4.00
11.50	2.44	17.44	16.00	2.18	4.00	62.76	3.68	3.50
11.30	3.87	18.38	15.00	3.88	4.00	57.49	5.08	4.25
12.48	1.67	13.94	16.00	2.56	4.00	66.72	2.63	3.50
9.58	2.14	16.00	16.00	1.73	4.00	67.05	3.50	4.00
10.60	3.92	17.06	15.00	6.15	8.00	58.04	4.23	4.00
11.95	4.62	15.69	15.00	6.35	7.50	57.11	4.28	3.50
11.53	4.80	17.63	15.00	8.40	9.50	52.64	5.00	4.50
10.48	4.80	18.25	16.00	6.83	7.50	54.81	4.83	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Wheat products—(Continued)		
8189	Meech & Stoddard, Inc., Middletown. Red Wing	East Hartford: Meech Grain Co.
7919	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's Fresh Ground	Norfolk: Aug. P. Curtis
6177	Northwestern Consolidated Milling Co., Minneapolis, Minn. XXX Comet	Milford: Milford Grain Co. ..
7907	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Heavy Wheat	East Winsted: Leonard Grain Co.
7840	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Light Wheat	Plainville: F. B. Newton
7683	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Fancy	Seymour: Seymour Grain & Coal Co.
7686	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's XX Daisy	Seymour: Seymour Grain & Coal Co.
7755	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident	Wallingford: A. E. Hall
7888	St. Albans Grain Co., St. Albans, Vt. Wirthmore	New Haven: R. G. Davis & Sons
7970	Yantic Grain & Products Co., Norwich. Big Y	Tariffville: Tariffville Grain Co.
Maize products		
Corn gluten feed		
7869	American Maize Products Co., New York City. Cream of Corn Gluten Feed	Plainville: W. S. Eaton

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.38	4.73	18.25	15.00	6.21	10.00	56.60	3.83	4.50
11.08	4.26	15.25	14.00	6.53	10.00	58.63	4.25	5.00
11.40	2.48	19.63	16.00	1.94	4.00	60.20	4.35	4.00
12.10	4.05	17.13	15.50	5.98	8.00	56.01	4.73	3.35
10.73	5.34	18.38	15.30	8.63	10.25	51.19	5.73	3.85
12.58	4.36	17.19	15.00	5.38	8.50	55.71	4.78	4.00
11.95	2.70	18.75	16.00	1.60	4.00	60.26	4.74	4.00
12.30	4.57	18.63	15.00	7.47	9.50	51.15	5.88	4.50
11.20	3.98	17.75	15.00	6.15	8.00	56.19	4.73	4.50
10.75	4.30	17.00	16.00	7.08	8.00	56.62	4.25	4.50
10.30	5.01	27.63	23.00	7.28	8.50	46.35	3.43	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Maize products—(Continued)		
6471	E. R. Bacon Grain Co., Boston, Mass. Bacon's Gluten Feed	Torrington: Torrington Grain Co.
7668	Clinton Corn Syrup Refining Co., Clinton, Iowa. Clinton Corn Gluten Feed	Shelton: Wolf Savitsky
7976	Corn Products Refining Co., New York City. Buffalo Corn Gluten Feed	Thompsonville: Geo. S. Phelps & Co.
7780	Corn Products Refining Co., New York City. Diamond Corn Gluten Meal	Kensington: S. F. Labieniec ..
7704	Penick & Ford, Ltd. Inc., Cedar Rapids, Ia. Douglas Corn Gluten Feed	Stamford: Clapboard Hill Feed Co.
6230	Penick & Ford, Ltd., Inc., Cedar Rapids, Ia. Sweetened Douglas Corn Gluten Feed	Shelton: Wolf Savitsky
7625	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed	Torrington: Litchfield Co-op. Association
6139	Union Sales Corp., Columbus, Ind. Union Corn Gluten Feed	West Cheshire: Cheshire Grain & Coal Co.
Hominy feed		
7881	Decatur Milling Co., Decatur, Ill. . . Homco	Bristol: C. A. Cowles
7911	Evans Milling Co., Indianapolis, Ind. . Emco	Winsted: E. Manchester & Sons
7652	Kellogg Co., Battle Creek, Mich. White	Branford: S. V. Osborn Estate
7626	Chas. A. Krause Milling Co., Milwaukee, Wis. Badger White	Torrington: Litchfield Co-op. Association

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
6.48	3.56	26.75	23.00	6.43	8.00	52.45	4.33	2.00
10.65	5.55	28.25	23.00	6.90	8.50	46.42	2.23	2.00
10.98	6.59	26.38	23.00	7.33	8.50	46.52	2.20	2.00
10.23	1.18	42.69	40.00	1.63	4.00	42.99	1.28	1.00
12.95	7.68	23.13	23.00	7.50	8.50	45.84	2.90	2.00
11.25	7.23	21.38	20.00	7.73	8.00	50.93	1.48	1.50
10.63	6.52	27.06	23.00	6.38	8.00	47.76	1.65	1.00
9.55	6.62	32.13	23.00	5.73	8.00	44.07	1.90	1.00
10.48	2.75	10.75	10.00	5.63	6.00	61.79	8.60	7.00
10.30	3.59	12.63	10.00	6.65	5.50	58.53	8.30	6.00
10.24	2.21	11.13	10.00	3.40	5.00	66.22	6.80	6.00
10.58	2.64	11.44	10.00	4.17	5.00	64.04	7.13	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Maize products—(Continued)		
7684	Miller Cereal Mills, Omaha, Neb.	Seymour: Seymour Grain & Coal Co.
7760	Miner-Hillard Milling Co., Wilkes-Barre, Pa. Steam Cooked	Wallingford: Laden Bros.
7918	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's	Norfolk: Aug. P. Curtis
7618	Mt. Vernon Milling Co., Mt. Vernon, Ind. Poco	West Cheshire: Cheshire Grain & Coal Co.
7834	National Feed Co., St. Louis, Mo.	Wallingford: A. E. Hall
7671	The Patent Cereals Co., Geneva, N. Y.	Shelton: Wolf Savitsky
7845	Postum Co. Inc., Battle Creek, Mich. . Burt's	Bethlehem: A. T. Miner
7933	Pratt Food Co., Hammond, Ind. Pratt's White (Buffalo Mills)	Bristol: Bristol Supply Co. ...
7633	Quaker Oats Co., Chicago, Ill. White	Thomaston: Thomaston Supply Co.
6233	Quaker Oats Co., Chicago, Ill. Yellow	Ansonia: I. Sovitsky Grain & Coal Co.
7743	St. Albans Grain Co., St. Albans, Vt. Paragon	Danbury: F. C. Benjamin
Rye products		
6192	Upper Hudson Rye Flour Mills, Troy, N. Y. Upper Hudson Rye Feed	Plantsville: C. A. Cowles
Brewers' and distillers' grains		
6350	Farmers Feed Co. "Bull Brand" Dried Brewers Grains	Torrington: Torrington Grain Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.78	2.90	11.31	11.00	2.93	4.50	64.93	7.15	7.00
11.60	2.60	11.00	10.00	4.63	5.00	64.37	5.80	5.00
10.00	2.49	11.00	10.00	5.08	6.00	63.00	8.43	5.00
10.18	4.21	12.50	10.00	4.05	6.00	60.78	8.28	7.00
10.83	2.52	11.38	10.00	6.33	10.00	61.86	7.08	5.00
10.80	2.79	11.88	10.00	4.85	5.00	63.20	6.48	5.00
11.80	2.53	10.94	10.00	4.55	5.00	62.95	7.23	5.00
11.63	1.91	10.63	10.00	3.45	6.00	67.88	4.50	4.00
12.65	2.00	10.88	9.00	3.95	5.00	65.14	5.38	4.00
9.80	2.16	10.50	9.50	3.85	5.00	67.81	5.88	4.00
10.40	4.24	12.50	10.00	6.38	7.00	58.23	8.25	6.00
9.93	3.74	17.38	13.50	4.45	6.00	60.87	3.63	3.00
7.18	3.04	27.38	22.00	12.09	17.00	43.66	6.65	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Brewers' and distillers' grains—(Continued)	
6244	C. J. Martenis Grain Co., New York City. Alco Dried Brewers Grains	Seymour: Seymour Grain and Coal Co.
7943	St. Albans Grain Co., St. Albans, Vt. Brewers Dried Grains	New Milford: Geo. T. Soule Co.
7786	St. Albans Grain Co., St. Albans, Vt. Corn Distillers Dried Grains	New Britain: C. W. Lines Co.
	Dried beet pulp	
7851	John W. Eshelman & Sons, Lancaster, Pa.	Chester: Leet Bros.
7645	Larrowe Milling Co., Detroit, Mich.	Guilford: F. C. Morse & Son
7672	Larrowe Milling Co., Detroit, Mich. Dried Molasses-Beet Pulp	Shelton: Wolf Savitsky
6151	C. J. Martenis Grain Co., New York City. Dried Beet Pulp (Baltic Feed)	Waterbury: Spencer Grain Co.
7955	Ralston Purina Co., St. Louis, Mo.	Farmington: Farmington Grain Co.
7729	West Bay City Sugar Co., Bay City, Mich.	Ridgefield: Ridgefield Lumber Co.
	Dried tomato products	
7809	Ronck & Bevis Co., Philadelphia, Pa. Ro-Be Dried Tomatoes	Plainville: F. B. Newton
	Proprietary mixed feeds	
	Horse feed	
7622	Allied Mills, Inc., Chicago, Ill. June Pasture	Torrington: Litchfield Co-op. Association

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
5.65	3.55	24.13	21.00	14.68	20.00	45.54	6.45	6.00
8.65	4.29	23.56	21.00	14.33	15.00	43.22	5.95	5.00
7.30	1.93	27.63	28.00	10.23	14.00	45.03	7.88	8.00
11.70	5.58	8.25	8.50	17.78	20.00	55.71	0.98	0.50
10.45	3.37	9.06	8.00	18.45	22.00	57.89	0.78	0.50
11.68	6.02	8.88	8.00	14.23	20.00	58.54	0.65	0.50
9.68	3.66	8.13	7.50	17.12	20.00	60.61	0.80	0.50
9.50	3.10	8.88	8.00	19.58	20.00	58.39	0.55	0.50
10.58	2.99	8.75	8.00	18.20	20.00	58.93	0.55	0.50
7.35	3.27	21.75	20.00	31.63	36.00	23.07	12.93	10.50
13.10	10.13	12.63	10.00	16.18	21.00	45.98	1.98	0.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7791	Allied Mills, Inc., Chicago, Ill. Wayne Supreme	Bethlehem: A. T. Miner
7836	Arcady Farms Milling Co., Chicago, Ill. Wonder Horse and Mule	Meriden: Raymond Ives
8152	Arcady Farms Milling Co., Chicago, Ill. Wonder Sweet Lasses Feed	Danielson: Kennedy Corp., Inc.
8000	E. W. Bailey & Co., Montpelier, Vt. Pennant	West Willington: H. M. Hansen
7660	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga	Shelton: Shelton Feed Co.
7739	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon	Danbury: C. S. Barnum & Son
8244	C. W. Campbell Co., Westerly, R. I. Camco	Groton: C. W. Campbell Co. ..
8253	C. W. Campbell Co., Westerly, R. I. Xtra Vim Molasses	Westerly: C. W. Campbell Co.
7882	Chapin & Co., Hammond, Ind. Ajax	Bristol: C. A. Cowles
7847	R. G. Davis & Sons, New Haven. Davis	Clinton: Clinton Grain Co.
7678	R. G. Davis & Sons, New Haven. Davis No. 1 Provender	Ansonia: Ansonia Flour & Grain Co.
7685	The Denver Alfalfa Milling & Products Co. Lamar, Colo. Alfalfa Meal	Seymour: Seymour Grain & Coal Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.88	2.91	11.88	9.50	6.30	8.00	63.43	3.60	3.50
11.90	4.48	10.25	9.00	7.48	10.00	61.91	3.98	3.00
11.53	8.98	11.13	9.00	15.58	25.00	51.43	1.35	1.00
12.10	4.65	13.00	10.75	5.25	6.50	61.65	3.35	3.50
13.25	3.72	11.38	8.00	5.15	10.00	63.62	2.88	2.00
13.48	3.89	11.75	9.00	5.87	11.00	62.33	2.68	2.50
10.53	4.73	10.69	10.00	6.83	10.00	63.24	3.98	3.00
9.83	4.75	10.50	10.00	9.75	12.00	61.62	3.55	2.00
12.68	4.72	9.25	9.00	9.28	12.00	60.67	3.40	3.00
11.83	3.49	10.63	9.00	7.00	10.00	63.10	3.95	3.00
11.58	2.75	11.69	10.00	6.23	8.00	62.65	5.10	3.50
9.60	7.48	15.25	13.00	26.33	33.00	39.14	2.20	1.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7615	The Denver Alfalfa Milling & Products Co. Lamar, Colo. Alfalfa Leaf Meal	West Cheshire: Cheshire Grain & Coal Co.
8149	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's	Putnam: Bosworth Bros.
7922	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$	Norfolk: W. A. Spaulding . . .
8394	Eastern States Farmers' Exchange, Spring- field, Mass. . . Eastern States Highland 12	Clinton: A. L. Lockwood . . .
7748	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States	North Haven: Ridgewood Farm
7902	Elmore Milling Co., Oneonta, N. Y. Elmore, with Molasses	Naugatuck: Naugatuck Fruit & Produce Co.
7697	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 60	So. Norwalk: Roodner Feed Co.
7597	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Liberty	Southport: C. Buckingham & Co.
7750	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 85	Wallingford: A. E. Hall . . .
7794	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Steam-Cooked	New Britain: Wm. Cohen . . .
7985	Flory Milling Co., Bangor, Pa. Blue Mountain	Hartford: H. L. Solloway . . .
7817	Flory Milling Co., Bangor, Pa. . . . Flory's	New Haven: Moran-Patton Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.90	17.50	18.50	20.00	14.56	18.00	36.16	3.38	2.50
11.18	3.08	11.13	10.00	6.73	12.00	64.34	3.54	3.50
10.68	2.35	11.00	9.50	6.10	7.00	65.24	4.63	3.50
9.75	6.60	13.00	12.00	9.33	11.50	57.77	3.55	2.50
12.20	4.01	12.38	10.50	6.80	7.00	60.63	3.98	3.50
10.80	3.42	13.00	9.00	7.18	11.00	62.35	3.25	2.50
12.43	5.00	10.75	9.00	10.98	10.00	57.61	3.23	2.50
13.73	7.35	9.38	7.00	10.90	10.00	56.09	2.55	2.00
11.90	3.41	11.13	9.00	7.18	10.00	62.28	4.10	3.00
9.55	1.93	11.19	9.00	4.48	6.00	69.22	3.63	4.00
10.83	4.45	8.63	7.00	10.58	11.00	63.23	2.28	2.00
11.93	3.42	10.38	9.00	7.78	10.00	63.09	3.40	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8239	J. A. Forrest, Minneapolis, Minn. Alpine Ground Feeding Oat Meal	Danielson: Young Bros. Co. .
8304	Hales & Hunter Co., Chicago, Ill. . . College	Guilford: F. H. Rolf, Inc. . . .
7892	Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam Cooked	Middletown: Meech & Stoddard, Inc.
8565	Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam Cooked	Middletown: Meech & Stoddard, Inc.
7641	Lamar Alfalfa Milling Co., Lamar, Colo. Alfalfa Leaf Meal	Guilford: F. C. Morse & Son
7758	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand, with Alfalfa and Molasses	Wallingford: Laden Bros. . . .
7803	Meador Milling Co., Hoboken, N. J. Arrowhead	Plantsville: C. A. Cowles . . .
7772	Meech & Stoddard, Inc., Middletown. Red Wing, with Molasses	Meriden: Meriden Grain & Coal Co.
8250	Miner-Hillard Milling Co., Wilkes-Barre, Pa. . "1795" Steam Cooked Corn and Oats	Westerly: C. W. Campbell Co.
7642	Fred C. Morse & Son, Guilford. . . Old Mill	Guilford: Fred C. Morse & Son
7643	Fred C. Morse & Son, Guilford. Old Mill Provender	Guilford: Fred C. Morse & Son
8264	Nowak Milling Corp., Hammond, Ind. Domino Vim-O-Lene	Sharon: Frank A. Wike & Co.
7860	Ontario Milling Co., Oswego, N. Y. Onto, with Molasses	Middletown: P. Levson & Son

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.15	2.66	17.69	14.00	4.73	3.90	57.89	7.88	5.00
10.90	4.15	12.50	9.00	6.03	10.00	63.17	3.25	2.50
9.90	2.25	10.50	9.50	5.63	4.60	67.29	4.43	4.00
10.33	2.30	11.19	9.50	4.98	4.60	66.40	4.80	4.00
10.85	11.00	19.50	20.00	16.63	18.00	39.19	2.83	2.50
13.23	3.50	10.75	8.00	7.05	10.00	61.79	3.68	2.00
12.88	3.70	10.00	9.00	9.43	15.00	60.44	3.55	2.00
12.60	3.93	10.44	9.00	8.53	10.00	61.02	3.48	3.00
9.13	1.92	11.06	9.50	4.40	5.00	69.14	4.35	4.00
13.23	4.00	12.44	12.00	5.27	8.00	60.91	4.15	4.00
12.50	2.32	10.56	10.00	5.02	6.00	65.00	4.60	3.25
10.33	3.41	10.38	9.50	5.60	9.00	67.20	3.08	3.00
12.78	4.43	10.38	10.00	7.85	10.00	60.68	3.88	3.20

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6120	S. V. Osborn Estate, Branford. Osborn Provender	Branford: S. V. Osborn Estate
7904	Park & Pollard Co. Inc., Buffalo, N. Y. Chelsea	Thomaston: Thomaston Grain & Coal Co.
7903	Park & Pollard Co. Inc., Buffalo, N. Y. Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$	Thomaston: Thomaston Grain & Coal Co.
7722	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard	Norwalk: Frank Libner & Sons
8197	Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico. Peevee Alfalfa Meal	Danielson: Young Bros. Co. .
7830	Pratt Food Co., Hammond, Ind. Oat Feed (Buffalo Mills)	Seymour: Seymour Grain & Coal Co.
7832	Pratt Food Co., Hammond, Ind. . . Pratt's	Norwalk: Frank Libner & Sons
7833	Pratt Food Co., Hammond, Ind. Pratt's, with Alfalfa	Norwalk: Frank Libner & Sons
7885	Pratt Food Co., Hammond, Ind. Pratt's Utility	Bristol: Bristol Supply Co. .
6246	Quaker Oats Co., Chicago, Ill. . Banner Feed	Seymour: Seymour Grain & Coal Co.
8319	Quaker Oats Co., Chicago, Ill. Horse Power	East Wallingford: D. W. Ives
7646	Quaker Oats Co., Chicago, Ill. Quaker Green Cross	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.55	2.23	10.75	10.00	6.68	8.00	64.29	4.50	4.00
11.45	6.80	10.06	8.00	14.60	12.00	54.66	2.43	2.00
10.43	2.82	11.88	10.00	8.03	8.00	62.14	4.70	3.00
12.35	3.25	12.94	10.00	7.85	9.00	59.53	4.08	3.50
7.73	10.30	19.75	20.00	17.95	20.00	41.54	2.73	2.50
8.17	5.81	7.25	4.00	23.23	30.00	52.66	2.88	1.50
12.45	4.05	11.00	9.00	7.90	10.00	60.35	4.25	2.00
12.80	4.50	11.00	9.00	9.45	14.00	58.42	3.83	2.50
11.73	4.37	9.75	6.50	7.60	12.00	63.37	3.18	1.50
6.68	6.50	13.06	13.00	18.27	18.00	51.09	4.40	4.50
9.58	5.34	10.63	9.50	7.20	11.00	64.05	3.20	2.80
13.00	4.68	11.06	10.00	9.78	12.00	58.08	3.40	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7868	Quaker Oats Co., Chicago, Ill. Quaker Thorobred	Plainville: W. S. Eaton
6113	Quaker Oats Co., Chicago, Ill. Sugared Vim Feed	Branford: S. V. Osborn Estate
6245	Quaker Oats Co., Chicago, Ill. . . . Vim Feed	Seymour: Seymour Grain & Coal Co.
7726	Ralston Purina Co., St. Louis, Mo. Purina Bulky Las Chow (Buffalo Mill)	New Canaan: Clapboard Hill Feed Co.
7728	Ralston Purina Co., St. Louis, Mo. Purina Bulky O-Molene Chow	Ridgefield: Ridgefield Lumber Co.
7990	Ralston Purina Co., St. Louis, Mo. Purina Checkerboard Rolled Oats (Steam Cooked)	Manchester: Manchester Grain Co.
7730	Ralston Purina Co., St. Louis, Mo. Purina O-Molene Chow	Ridgefield: Ridgefield Lumber Co.
7706	Ralston Purina Co., St. Louis, Mo. Protena Sweet Roughage Feed	Stamford: Clapboard Hill Feed Co.
7687	Seymour Grain & Coal Co., Seymour. Miracle Molasses	Seymour: Seymour Grain & Coal Co.
8006	St. Albans Grain Co., St. Albans, Vt. . King	Willimantic: Willimantic Grain Co.
7763	St. Albans Grain Co., St. Albans, Vt. Wirthmore Fodder Greens	Meriden: H. Grulich
7598	St. Albans Grain Co., St. Albans, Vt. Wirthmore	Southport: C. Buckingham & Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.55	3.36	10.63	10.50	5.48	9.00	64.85	4.13	3.50
8.25	6.53	5.63	5.00	24.02	27.50	53.94	1.63	1.25
5.78	7.00	5.75	5.00	28.81	30.00	50.81	1.85	2.00
13.03	7.68	12.00	9.00	12.37	15.00	52.04	2.88	1.30
12.05	4.69	10.63	9.70	9.55	11.00	58.68	4.40	3.20
9.50	1.72	15.75	14.50	1.58	2.50	65.45	6.00	6.00
12.85	4.42	10.38	9.70	7.60	9.00	60.72	4.03	3.20
12.33	6.98	8.25	6.00	22.69	30.00	47.92	1.83	1.00
13.28	4.16	11.13	10.00	6.88	7.00	59.65	4.90	3.50
11.25	4.65	9.63	9.50	7.10	9.00	63.64	3.73	3.00
13.38	7.24	11.25	9.00	12.97	19.00	52.81	2.35	1.25
12.78	3.07	10.38	9.80	5.99	9.00	63.93	3.85	3.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8311	D. A. Stickell & Sons, Hagerstown, Md. Su-Pur Horse and Mule	East Hartford: Stowe & Rondeau
8018	Syracuse Milling Co., Syracuse, N. Y. Jordan, with Molasses	Colchester: P. Cutler, Inc.
7610	Syracuse Milling Co., Syracuse, N. Y. Syragold, with Molasses	East Bridgeport: J. Simons ..
7746	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby Ground Corn and Oats	Bethel: Morrison & Dunham ..
7621	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Neverfail	Torrington: Litchfield Co-operative Association ...
7953	F. S. Wertz & Son, Reading, Pa. Wertz's, with Alfalfa and Molasses	Long Hill: Long Hill Feed Store
8022	Yantic Grain & Products Co., Norwich. Al-Mo	Willimantic: Boston Grain Co.
7937	Yantic Grain & Products Co., Norwich. Big (Y)	Hamden: Hamden Grain Co. ..
Dairy feeds		
7741	Allied Mills, Inc., Chicago, Ill. . Amco 20%	Danbury: C. S. Barnum & Son
7731	Allied Mills, Inc., Chicago, Ill. . Amco 24%	Danbury: C. S. Barnum & Son
8163	Allied Mills, Inc., Chicago, Ill. Amco 20% National	Bristol: A. J. Bower
7908	Allied Mills, Inc., Chicago, Ill. Amco 16½% Sucrene	Riverton: L. A. Coe

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.58	3.76	11.50	9.00	5.63	12.00	65.48	3.05	2.50
11.95	5.39	8.50	7.00	11.38	12.00	59.50	3.28	2.00
10.95	3.26	9.38	8.00	9.54	12.00	63.42	3.45	2.50
11.08	2.75	11.75	9.20	6.78	8.00	62.84	4.80	4.00
12.78	3.89	11.56	10.00	6.17	10.00	61.47	4.13	3.50
11.20	3.78	11.75	9.00	7.70	10.00	62.12	3.45	2.00
11.00	6.00	13.25	11.00	18.73	15.00	48.89	2.13	1.50
12.23	2.73	10.63	10.00	7.83	7.00	62.78	3.80	3.00
10.78	6.15	21.63	20.00	6.49	9.00	51.22	3.73	3.50
10.28	6.41	24.63	24.00	6.73	9.00	48.22	3.73	3.50
9.68	7.58	21.50	20.00	6.80	9.00	50.44	4.00	3.50
11.40	5.74	16.88	16.50	8.83	12.00	53.10	4.05	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7823	Allied Mills, Inc., Chicago, Ill. Wayne 20% Sucrenc	Bethlehem: A. T. Miner
7781	Arcady Farms Milling Co., Chicago, Ill. Advanced Registry	New Britain: S. P. Stropole . . .
7773	Arcady Farms Milling Co., Chicago, Ill. Milkers Ready Ration	Meriden: Raymond Ives
7775	Arcady Farms Milling Co., Chicago, Ill. Old Colony	Meriden: Raymond Ives
8305	Arcady Farms Milling Co., Chicago, Ill. Peerless Milk Ration	New Britain: S. P. Stropole . .
8151	Arcady Farms Milling Co., Chicago, Ill. Sweet 16	Danielson: Kennedy Corp., Inc.
8010	E. W. Bailey & Co., Montpelier, Vt. . Capital	Lebanon: Berkman Grain Co. .
8011	E. W. Bailey & Co., Montpelier, Vt. Favorite	Lebanon: Berkman Grain Co. .
7635	E. W. Bailey & Co., Montpelier, Vt. Sweetened Capital	Guilford: F. H. Rolf, Inc. . . .
7656	E. W. Bailey & Co., Montpelier, Vt. Sweetened Favorite	Derby: Derby Feed Store
7605	Beacon Milling Co. Inc., Cayuga, N. Y. Auburn	Bridgeport: Herbert C. Ferris
7742	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon	Danbury: C. S. Barnum & Son

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.63	6.67	21.56	20.00	7.38	12.50	50.13	3.63	3.50
9.38	6.22	25.50	25.00	9.55	10.00	45.10	4.25	4.50
10.65	7.29	22.56	22.00	10.18	12.00	45.27	4.05	4.00
10.48	2.55	20.63	20.00	9.55	12.00	52.51	4.28	3.50
10.73	13.19	20.13	20.00	8.45	12.00	44.32	3.18	4.00
8.78	9.75	17.38	16.00	12.05	12.50	47.61	4.43	4.00
9.60	7.35	25.50	24.00	7.50	9.00	45.45	4.60	5.00
9.90	6.34	23.13	20.00	8.15	7.50	47.95	4.53	4.50
11.40	7.34	24.75	24.00	7.02	9.00	44.81	4.68	5.00
11.05	6.69	21.88	20.00	6.65	7.50	49.35	4.38	4.50
11.30	7.39	21.13	20.00	6.09	10.00	50.04	4.05	4.00
10.63	6.99	24.75	24.00	8.45	9.00	44.63	4.55	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7604	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Sweet "24"	Bridgeport: Herbert C. Ferris
7666	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon "20"	Shelton: Shelton Feed Co. . . .
7619	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 20%	West Cheshire: Cheshire Grain & Coal Co.
7710	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 24%	Norwalk: Frank Libner & Sons
6472	A. D. Bridge's Sons, Inc., Hazardville. Success	Hazardville: A. D. Bridge's Sons, Inc.
8017	L. Broder Grain Store, Colchester. L. B. Milk Ration	Colchester: L. Broder Grain . . Store
7829	C. Buckingham & Co., Southport. . . . C. B.	Southport: C. Buckingham & Co.
8245	C. W. Campbell Co., Westerly, R. I. Milky Ration	Groton: C. W. Campbell Co. . .
8566	C. W. Campbell Co., Westerly, R. I. Milky Ration	Groton: C. W. Campbell Co. . .
8251	C. W. Campbell Co., Westerly, R. I. No-Botheration Dairy Ration	Westerly: C. W. Campbell Co.
7872	Chapin & Co., Hammond, Ind. Ajax Dairy Ration 24%	Bristol: C. A. Cowles
7871	Chapin & Co., Hammond, Ind. Unicorn Dairy Ration 20%	Bristol: C. A. Cowles

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.08	7.03	24.69	24.00	5.99	9.00	47.21	4.00	4.00
11.25	6.73	20.88	20.00	7.28	9.00	48.81	5.05	4.50
11.10	7.49	20.63	20.00	9.05	11.00	47.23	4.50	4.00
11.05	6.94	23.00	24.00	7.35	11.00	47.46	4.20	4.00
9.23	2.38	21.06	20.00	11.28	9.50	51.77	4.28	5.20
10.25	6.20	21.38	20.00	7.03	8.50	49.99	5.15	5.00
10.25	7.45	24.63	22.81	8.55	9.40	44.17	4.95	4.60
9.33	6.48	21.25	20.00	7.30	8.00	51.51	4.13	4.50
9.88	6.44	21.25	20.00	7.20	8.00	51.50	3.73	4.50
9.15	5.87	21.19	20.00	6.15	8.00	52.36	5.28	5.00
10.10	8.46	24.38	24.00	8.00	10.00	44.58	4.48	4.50
10.55	7.65	21.63	20.00	8.25	10.00	47.37	4.55	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7873	Chapin & Co., Hammond, Ind. Unicorn Dairy Ration 24%	Bristol: C. A. Cowles
7798	Coles Co., Middletown. Capitol 20% Molasses	Plantsville: Atwater Mills . . .
8013	Coles Co., Middletown. Selco 24% Molasses	Middletown: Coles Co.
8258	G. E. Conkey Co., Cleveland, Ohio. Conkey's 24% Protein	Ansonia: A. Hodos & Son
7800	C. A. Cowles, Plantsville. Cowles' 20% Dairy Ration	Plantsville: C. A. Cowles . . .
7805	C. A. Cowles, Plantsville. Cowles' 24 % Dairy Ration	Plantsville: C. A. Cowles
8021	P. Cutler, Inc., Colchester. Prosperity Dairy Ration	Colchester: P. Cutler, Inc.
8237	P. Cutler, Inc., Colchester. Prosperity Special	Colchester: P. Cutler, Inc.
7675	R. G. Davis & Sons, New Haven. . . . Basic	Milford: Milford Grain Co. . .
7680	R. G. Davis & Sons, New Haven. 20% Open Formula	Ansonia: Ansonia Flour & Grain Co.
7740	Delaware Mills, Inc., Deposit, N. Y. Delaware	Danbury: C. S. Barnum & Son
8215	Delaware Mills, Inc., Deposit, N. Y. Delaware Sweet 24%	Colchester: J. Boretz

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.68	8.62	25.44	24.00	8.20	10.00	42.48	4.58	4.50
11.23	7.31	20.75	20.00	12.95	11.00	44.36	3.40	4.00
9.90	7.85	24.00	24.00	10.20	10.00	43.55	4.50	4.50
8.65	6.25	25.75	24.00	7.55	9.00	47.45	4.35	5.00
10.13	7.06	23.13	20.00	8.88	10.00	45.80	5.00	5.00
9.88	5.57	23.88	24.00	9.60	10.00	45.84	5.23	6.00
9.25	6.23	24.88	24.00	6.18	9.00	49.10	4.36	4.00
9.10	6.48	22.00	20.00	7.23	9.00	50.21	4.98	4.00
11.50	5.88	22.00	20.00	7.73	9.00	48.49	4.40	4.50
11.78	7.79	20.56	20.00	5.75	8.00	49.91	4.21	4.00
9.88	7.09	25.75	23.00	7.65	10.00	43.68	5.95	5.00
10.43	6.43	23.63	24.00	6.88	10.00	47.80	4.83	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7839	Delaware Mills, Inc., Deposit, N. Y. Delco 20 %	Plainville: F. B. Newton
7987	Delaware Mills, Inc., Deposit, N. Y. N. Y. Feed and Grain Special	Hartford: N. Y. Grain & Feed Co.
8028	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's A-1	Putnam: Bosworth Bros.
8027	Dietrich & Gambrill, Inc., Frederick, Md. Pen-Mar	Putnam: Bosworth Bros.
7749	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Fulpail	North Haven: Ridgewood Farm
6323	Eastern States Farmers' Exchange, Spring- field, Mass. .. Eastern States Highland 20	Bridgeport: J. H. Sherwood ..
8156	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Milkmore	Norwich: A. E. Shedd
7921	Eastern States Farmers' Exchange, Spring- field, Mass. Eastern States Sixteen Dairy Ration	Norfolk: W. A. Spaulding ...
8191	Elmore Milling Co. Inc., Oneonta, N. Y. Economilk	Amston: Amston Grain Mill ..
7916	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Sweet Digesto	Winsted: Chas. R. Hawley ..
7810	Elmore Milling Co. Inc., Oneonta, N. Y. Emco	Plainville: F. B. Newton
7914	Elmore Milling Co. Inc., Oneonta, N. Y. Otsego Economy Ration	Winsted: Chas. R. Hawley ..

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.40	5.60	23.13	20.00	8.83	11.00	47.49	5.55	4.00
9.70	6.40	24.00	24.00	9.35	8.00	45.52	5.03	5.00
10.23	7.84	24.13	24.00	8.63	9.00	44.64	4.53	5.00
10.68	7.34	21.88	20.00	8.83	9.00	46.99	4.28	4.00
11.10	5.91	20.38	20.00	7.55	8.00	50.56	4.50	4.50
9.65	7.02	20.00	20.00	11.18	12.00	48.40	3.75	4.00
9.28	6.45	25.75	24.00	7.75	8.00	46.29	4.48	4.50
10.43	6.02	18.50	16.00	7.75	8.00	52.50	4.80	4.00
10.33	8.46	20.13	20.00	10.23	11.00	46.70	4.15	4.00
11.48	7.05	18.25	16.00	11.80	12.00	47.09	4.33	4.00
11.13	6.27	21.25	20.00	9.25	10.00	48.65	3.45	4.50
11.08	8.17	20.38	20.00	9.10	11.00	47.39	3.88	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7790	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified 24% Dairy Ration	New Britain: Wm. Cohen
7837	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Challenge	New Britain: Wm. Cohen
7752	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga 20	Wallingford: A. E. Hall. . . .
7694	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 20	So. Norwalk: Roodner Feed Co.
7089	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Open Formula 20	New Haven: Moran-Patton Co.
8196	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's Pennsy 16	Putnam: Dayville Grain & Coal Co.
7751	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 24	Wallingford: A. E. Hall
7814	Flory Milling Co., Bangor, Pa. . . . Record	New Haven: Moran-Patton Co.
8348	J. B. Garland & Son, Worcester, Mass. Royal Worcester Complete Ration	North Grosvenordale: Thompson Grain Co. . . .
7718	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Dairy Ration	Norwalk: Frank Libner & Sons
7894	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened 20%	Portland: Valley Mills
8192	D. H. Grandin Milling Co., Jamestown, N. Y. M-S (Money Saver) 20% Sweet	Warrenville: Ashford Co- operative Association . . .

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.30	7.89	26.63	24.00	7.48	8.00	43.07	4.63	4.50
10.53	8.44	25.00	24.00	8.63	11.00	42.52	4.88	4.00
11.33	8.19	23.25	20.00	8.28	11.00	45.00	3.95	4.00
11.23	7.51	21.88	20.00	7.48	11.00	47.90	4.00	4.00
10.49	8.19	23.75	20.00	8.49	9.00	44.95	4.13	4.00
11.13	8.35	17.81	16.00	8.28	11.00	51.13	3.30	3.00
10.68	7.77	25.00	24.00	8.03	11.00	44.19	4.33	4.00
11.28	7.65	22.50	20.00	9.33	9.00	45.01	4.23	5.00
9.45	7.72	20.63	20.00	7.00	10.00	51.15	4.05	3.00
10.23	7.87	21.88	20.00	7.83	8.50	47.34	4.85	5.00
11.13	7.35	22.38	20.00	7.90	10.00	46.46	4.78	4.00
10.35	7.66	22.75	20.00	8.08	12.00	46.78	4.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7761	Laden Bros. Co. Inc., Wallingford. . . Laden's	Wallingford: Laden Bros. Inc.
7696	Larrowe Milling Co., Detroit, Mich. . . Larro (The Ready Ration for Dairy Cows)	So. Norwalk: Roodner Feed Co.
7782	C. W. Lines Co., New Britain. Mill Pride Dairy Ration	New Britain: C. W. Lines Co.
7951	The Long Hill Feed Store, Long Hill. Square Deal Dairy Ration	Long Hill: Long Hill Feed Store
8352	E. Manchester & Sons, Winsted. . . Red Star	Winsted: E. Manchester & Sons
7912	E. Manchester & Sons, Winsted. . . . Special	Winsted: E. Manchester & Sons
8233	E. Manchester & Sons, Winsted. Red Star Sweet Sixteen	Winsted: E. Manchester & Sons
7946	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand "20" Dairy Ration, Sweetened	Brookfield: S. A. Smith
7947	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand "24" Dairy Ration, Sweetened	Brookfield: S. A. Smith
8234	Maritime Milling Co. Inc., Buffalo, N. Y. B. B. Marmico 16% Protein with Molasses	Kent: H. H. Taylor & Son
7963	Maritime Milling Co. Inc., Buffalo, N. Y. B. B. Hi Test 20%, Sweetened	Collinsville: Rourke-Robotham
7768	Meech & Stoddard, Inc., Middletown. . . Red Wing Dairy Ration with Brewers Grains	Meriden: Meriden Grain & Coal Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.95	6.79	21.38	20.00	7.99	9.00	47.01	4.88	4.50
10.53	6.11	21.50	20.00	8.96	12.00	48.92	3.98	4.00
10.55	7.44	24.31	24.00	7.73	10.00	45.36	4.61	5.00
9.70	7.57	20.63	20.00	10.95	10.00	46.75	4.40	5.00
9.30	6.59	23.56	23.00	6.93	10.00	49.07	4.55	4.00
10.70	5.85	21.13	20.00	7.88	10.00	49.29	5.15	4.00
9.85	6.10	18.50	16.00	7.53	10.00	52.47	5.55	4.00
10.68	9.01	21.63	20.00	8.58	11.00	45.32	4.78	4.50
10.60	8.38	25.50	24.00	8.98	11.00	42.16	4.38	4.50
10.48	11.09	16.00	16.00	10.55	12.00	46.95	4.93	4.00
10.75	7.39	21.63	20.00	9.38	12.00	46.35	4.50	4.50
9.80	8.09	19.63	20.00	11.97	12.00	44.73	5.78	5.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
8341	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Dairy Ration with Brewers Grains	Middletown: Meech & Stoddard, Inc.
6222	Mennel Milling Co., Toledo, Ohio. Memo 16%	Plainville: W. S. Eaton
8318	Mennel Milling Co., Toledo, Ohio. Memo 16%, Sweet	East Wallingford: D. W. Ives
7797	Mennel Milling Co., Toledo, Ohio. Memo 20%	Plantsville: Atwater Mills
7988	Mennel Milling Co., Toledo, Ohio. Memo 22%, Sweet	Glastonbury: Stanley Melzen .
7853	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's 20%, with Molasses	Higganum: Felix Petrofsky ..
7856	Geo. Q. Moon & Co. Inc., Binghamton, N. Y. Moon's 24% Dairy Ration	Higganum: Felix Petrofsky ..
7638	Fred C. Morse & Son, Guilford. Old Mill 20%	Guilford: Fred C. Morse & Son
7639	Fred C. Morse & Son, Guilford. Old Mill 24%	Guilford: Fred C. Morse & Son
8342	Ontario Milling Co. Inc., Oswego, N. Y. Big Value	Middletown: P. Levson & Son
8317	Ontario Milling Co. Inc., Oswego, N. Y. Big Value 16%, with Molasses	Sharon: Frank A. Wike & Co.
7862	Ontario Milling Co. Inc., Oswego, N. Y. Big Value 20%, with Molasses	Middletown: P. Levson & Son

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
7.63	6.91	22.63	24.00	10.65	12.00	45.10	7.08	5.50
11.10	5.53	16.69	16.00	7.98	12.00	54.25	4.45	3.50
8.63	5.11	14.75	16.00	7.45	12.00	60.48	3.58	3.50
11.08	5.70	18.88	20.00	10.83	12.00	48.93	4.58	4.50
11.53	6.34	21.25	22.00	7.40	12.00	49.80	3.68	3.50
9.90	9.79	20.00	20.00	10.10	11.00	45.58	4.63	4.50
9.83	8.03	25.00	24.00	8.05	10.00	44.11	4.98	5.00
11.15	6.83	21.88	20.00	7.09	9.00	48.05	5.00	4.50
10.90	6.80	25.00	24.00	7.25	9.00	45.07	4.98	5.00
8.98	6.03	21.75	20.00	7.98	10.00	49.91	5.35	4.50
9.98	6.19	18.88	16.00	6.33	10.00	55.67	2.95	3.50
12.15	6.93	21.88	20.00	7.43	10.00	46.71	4.90	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7861	Ontario Milling Co. Inc., Oswego, N. Y. Butterfat, with Molasses	Middletown: P. Levson & Son
8344	Ontario Milling Co. Inc., Oswego, N. Y. Oswego 20%, with Molasses	Middlefield: Terrell & Burnham
7864	Ontario Milling Co. Inc., Oswego, N. Y. Uncle John's 24% Cream Pot Ration	Middletown: P. Levson & Son
7820	Park & Pollard Co., Inc., Buffalo, N. Y. Bet-R-Milk 20% Ration	Woodbury: C. L. Adams Co. ..
7620	Park & Pollard Co., Inc., Buffalo, N. Y. Claco Dairy Ration	West Cheshire: Cheshire Grain & Coal Co.
7930	Park & Pollard Co. Inc., Buffalo, N. Y. Holcomb's Sweetened 20% Dairy Ration	Newtown: R. H. Holcomb & Co.
7617	Park & Pollard Co. Inc., Buffalo, N. Y. Milk Maid 24% Sweetened Dairy Ration	West Cheshire: Cheshire Grain & Coal Co.
7811	Park & Pollard Co. Inc., Buffalo, N. Y. Overall 24%	Plantsville: F. B. Newton
7906	Park & Pollard Co. Inc., Buffalo, N. Y. Herdhelth 16% Ration	New Hartford: G. W. Case, Inc.
7721	Park & Pollard Co. Inc., Buffalo, N. Y. Top Notch 16% Ration	Norwalk: Frank Libner & Sons
7883	Pratt Food Co., Hammond, Ind. Pratt's Sweet 20%	Bristol: Bristol Supply Co. ...
8307	Pratt Food Co., Hammond, Ind. Pratt's Sweet 24%	Bristol: Bristol Supply Co. ...

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.05	7.03	25.13	24.00	7.53	10.00	44.33	4.93	5.00
10.00	7.28	20.38	20.00	9.63	12.00	48.21	4.50	4.00
10.40	6.46	25.00	24.00	7.75	9.00	44.96	5.43	5.50
11.33	7.46	20.75	20.00	7.70	9.00	48.61	4.15	4.00
11.85	6.48	21.69	20.00	7.24	9.00	48.04	4.70	4.50
11.10	6.79	21.69	20.00	7.38	9.00	48.76	4.28	4.00
11.58	7.45	24.00	24.00	7.76	11.00	44.48	4.73	4.50
10.08	7.05	26.50	24.00	7.90	9.00	43.47	5.00	4.50
10.83	7.53	18.25	16.00	7.63	9.00	51.81	3.95	3.50
11.10	7.49	17.31	16.00	10.63	12.00	48.84	4.63	3.50
10.35	7.16	21.75	20.00	11.00	12.00	45.34	4.40	4.00
8.78	7.89	26.00	24.00	8.88	10.00	44.17	4.28	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7982	H. C. Puffer Co., Springfield, Mass. Monarch, Sweetened	East Hartford: Stowe & Ron- deau
7886	H. C. Puffer Co., Springfield, Mass. Producer 24%	Simsbury: Woods-Chandler Co.
8208	H. C. Puffer Co., Springfield, Mass. Producer 20%	Simsbury: Woods-Chandler Co.
7981	H. C. Puffer Co., Springfield, Mass. Sweetened Producer 20%	East Hartford: Stowe & Ron- deau
7690	Quaker Oats Co., Chicago, Ill. Quaker 20% Protein Dairy Ration	Saugatuck: Saugatuck Grain Co.
7691	Quaker Oats Co., Chicago, Ill. Quaker 24% Protein Dairy Ration	Saugatuck: Saugatuck Grain Co.
8016	Ralston Purina Co., St. Louis, Mo. Protena 16%	Portland: Valley Mills
7724	Ralston Purina Co., St. Louis, Mo. Protena 20%	New Canaan: Clapboard Hill Feed Co.
7991	Ralston Purina Co., St. Louis, Mo. Protena 24%	Manchester: Manchester Grain Co.
7707	Ralston Purina Co., St. Louis, Mo. Purina 20% Cow Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.
7831	Ralston Purina Co., St. Louis, Mo. Purina 24% Cow Chow (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.
6450	Ralston Purina Co., St. Louis, Mo. Purina 34% Cow Chow	Rockville: Rockville Grain & Coal Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
8.63	6.22	21.25	20.00	12.40	12.50	47.90	3.60	3.50
9.60	6.72	26.13	24.00	7.38	8.50	45.49	4.68	4.00
9.30	6.60	22.50	20.00	7.10	8.50	49.72	4.78	4.00
8.93	6.63	21.50	20.00	11.55	12.50	47.11	4.28	3.50
10.95	6.16	21.31	20.00	10.71	12.00	46.72	4.15	3.25
9.70	8.81	24.94	24.00	11.08	12.00	41.12	4.35	4.00
10.93	6.82	18.00	16.00	12.40	14.00	46.47	5.38	3.00
9.90	6.83	20.38	20.00	11.85	14.00	45.16	5.88	3.00
9.93	7.18	24.25	24.00	11.33	12.00	42.93	4.38	3.00
11.60	5.56	21.88	20.00	11.00	12.00	45.61	4.35	3.00
10.65	6.97	25.13	24.00	9.80	12.00	42.67	4.78	3.00
9.38	6.93	34.94	34.00	10.87	12.00	33.00	4.88	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7565	Wolf Savitsky, Shelton. Wolf's Dairy Ration	Shelton: Wolf Savitsky
7682	Seymour Grain & Coal Co., Seymour. Miracle Cow Feed	Seymour: Seymour Grain & Coal Co.
7689	Seymour Grain & Coal Co., Seymour. See-More Milk	Seymour: Seymour Grain & Coal Co.
6236	I. Sovitsky Grain and Coal Co., Ansonia Ansonia 20% Protein, Sweetened	Ansonia: I. Sovitsky Grain & Coal Co.
7764	St. Albans Grain Co., St. Albans, Vt. Hygrade 16 Sweetened Milk Ration	Meriden: H. Grulich
7762	St. Albans Grain Co., St. Albans, Vt. Hygrade 20 Sweetened Milk Ration	Meriden: H. Grulich
7901	St. Albans Grain Co., St. Albans, Vt. Hygrade 24 Sweetened Milk Ration	Naugatuck: Naugatuck Fruit & Produce Co.
8005	St. Albans Grain Co., St. Albans, Vt. King 22 Milk Ration, Sweetened	Willimantic: Willimantic Grain Co.
7942	St. Albans Grain Co., St. Albans, Vt. Paragon, Sweetened	New Milford: Geo. T. Soule Co.
7931	St. Albans Grain Co., St. Albans, Vt. Paragon, Unsweetened	Stepney: M. Nusbaum
7778	St. Albans Grain Co., St. Albans, Vt. Utility Dairy Ration	Kensington: S. F. Labieniec ..
7779	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration	Kensington: S. F. Labieniec ..

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.58	7.44	22.81	20.00	7.42	10.00	46.90	4.85	4.50
11.25	7.11	22.56	20.00	7.60	9.00	47.28	4.20	4.50
10.68	7.73	22.00	20.00	7.36	8.50	47.18	5.05	4.50
8.73	7.35	20.06	20.00	10.60	11.00	48.83	4.43	4.75
12.75	6.82	18.00	16.00	7.10	8.50	50.95	4.38	3.50
11.85	5.67	20.75	20.00	7.79	8.50	49.83	4.11	4.00
11.08	7.55	24.88	24.00	7.30	9.00	44.74	4.45	4.00
10.63	7.56	23.38	22.00	8.83	9.00	45.47	4.13	4.50
10.43	7.24	18.75	20.00	11.93	11.00	47.49	4.16	3.25
9.53	6.85	20.81	22.00	12.35	12.00	46.33	4.13	4.00
11.23	8.17	19.13	20.00	9.40	10.50	48.32	3.75	3.50
10.35	6.09	25.69	25.00	8.33	9.00	44.31	5.23	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7703	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration, Sweetened	Noroton: Davis Grain Co.
7673	St. Albans Grain Co., St. Albans, Vt. Wirthmore 16 Dairy Ration, Sweet	Milford: Milford Grain Co. ..
7974	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20	Suffield: Spencer Bros.
7651	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20, Sweetened	Branford: S. V. Osborn Estate
7966	St. Albans Grain Co., St. Albans, Vt. Wirthmore, with Beet Pulp, Sweetened	Granby: E. H. Rollins
7725	Syracuse Milling Co., Syracuse, N. Y. Syragold	New Canaan: Clapboard Hill Feed Co.
7967	Syracuse Milling Co., Syracuse, N. Y. Syragold, Sweetened	Granby: E. H. Rollins
6242	Syracuse Milling Co., Syracuse, N. Y. Syragold Milk Ration	Ansonia: A. Hodos & Son
7632	Thomaston Supply Co., Thomaston. Thomaston Dairy	Thomaston: Thomaston Supply Co.
7870	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. E-Gee	Plainville: W. S. Eaton ..
7745	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Red Brand Ti-O-Ga	Bethel: Morrison & Dunham
6470	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. White Brand Ti-O-Ga	New Milford: Geo. T. Soule .

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.65	6.91	26.88	25.00	8.08	8.50	42.85	4.63	4.75
11.90	6.56	18.25	16.00	5.85	8.00	53.04	4.40	4.00
9.65	6.22	22.31	20.00	8.18	8.50	48.56	5.08	5.00
11.83	6.03	21.19	20.00	6.18	8.00	50.09	4.68	4.75
11.40	7.57	21.25	20.00	7.83	11.00	48.15	3.80	4.00
10.25	6.51	24.25	24.00	9.38	12.00	44.91	4.70	4.50
9.45	4.14	25.13	24.00	9.28	12.00	47.80	4.20	4.50
8.95	7.22	20.00	20.00	10.82	12.00	48.56	4.45	4.00
10.75	8.15	22.38	20.00	8.95	9.00	45.67	4.10	5.00
11.15	6.77	22.19	20.00	8.60	10.00	45.66	5.63	3.50
11.65	7.10	25.50	24.00	7.63	10.00	43.42	4.70	4.50
11.18	6.38	20.69	20.00	6.90	10.00	50.48	4.37	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7940	West-Nesbit, Inc., Oneonta, N. Y. Pure Sweetfeed Dairy Ration	Winsted: Chas. R. Hawley . . .
8214	West-Nesbit, Inc., Oneonta, N. Y. Super Pure Feed Dairy Ration	Manchester: Little & McKinney
8023	Yantic Grain & Products Co., Norwich: Abington	Abington: Weeks Bros.
7971	Yantic Grain & Products Co., Norwich. Big (Y) 24% Dairy Ration	Tariffville: Tariffville Grain Co.
7935	Yantic Grain & Products Co., Norwich. O. F. Dairy Ration 20%	Hamden: Hamden Grain Co. . .
7936	Yantic Grain & Products Co., Norwich. O. F. Dairy Ration 24%	Hamden: Hamden Grain Co. . .
Stock feeds		
8012	E. W. Bailey & Co., Montpelier, Vt. Bailey's Fitting Ration	Lebanon: Berkman Grain Co.
7653	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand	Derby: Derby Feed Store
7844	Beacon Milling Co., Inc., Cayuga, N. Y. Cayuga	Bethlehem: A. T. Miner
8247	C. W. Campbell Co., Westerly, R. I. Campbell Fitting Ration	Groton: C. W. Campbell Co.
7695	Crosby Milling Co., Brattleboro, Vt. Crosby's	So. Norwalk: Roodner Feed Co.
8220	P. Cutler, Inc., Colchester. Prosperity	Colchester: P. Cutler, Inc.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.30	7.27	22.88	20.00	7.88	10.00	47.02	4.65	4.00
8.40	7.33	26.50	24.00	9.18	10.00	43.74	4.85	5.00
9.75	5.71	20.38	20.00	11.25	11.00	49.06	3.85	4.00
10.00	7.02	24.63	24.00	7.83	9.00	45.74	4.78	5.00
11.00	5.12	21.56	20.00	7.55	9.00	49.79	4.98	4.00
10.70	5.47	25.38	24.00	8.15	9.00	45.37	4.93	4.00
9.93	5.65	15.75	14.00	8.20	9.00	55.12	5.35	4.00
10.03	4.11	10.50	9.50	8.78	9.50	61.00	5.58	4.00
11.70	7.16	16.13	15.00	8.55	9.00	52.41	4.05	3.50
8.84	5.51	15.50	14.00	6.03	8.00	58.27	5.85	4.00
9.95	4.54	11.00	9.00	9.12	12.00	59.91	5.48	4.00
9.10	4.62	11.38	9.00	11.10	12.00	58.42	5.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7702	R. G. Davis & Sons, New Haven Davis	Noroton: Davis Grain Co. . . .
6198	Delaware Mills, Inc., Deposit, N. Y. Delaware	Southington: Southington Lumber Co.
8217	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's	Danielson: Young Bros. Co. . .
7920	Eastern States Farmers' Exchange, Spring- field, Mass. . . . Eastern States Fitting Ration	Norfolk: W. A. Spaulding . .
7899	Elmore Milling Co., Oneonta, N. Y. . Elmore	Naugatuck: Naugatuck Fruit & Produce Co.
7900	Elmore Milling Co., Oneonta, N. Y. Elmore Sugared Feedall	Naugatuck: Naugatuck Fruit & Produce Co.
7754	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Fitting Ration	Wallingford: A. E. Hall
7787	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose	New Britain: Wm. Cohen
7795	John W. Eshelman & Sons, Lancaster, Pa. Eshelman S-O-S	New Britain: Wm. Cohen
7842	Flory Milling Co., Inc., Bangor, Pa. Flory's Certified Fitting Ration	New Haven: Moran-Patton Co.
7816	Flory Milling Co., Inc., Bangor, Pa. . Record	New Haven: Moran-Patton Co.
7893	D. H. Grandin Co., Jamestown, N. Y. Grandin's	Portland: Valley Mills
8190	Hales & Hunter Co., Chicago, Ill. H. & H. Sugared	Lebanon: Berkman Grain Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.40	3.91	10.75	10.00	8.84	14.00	60.77	5.33	2.00
9.25	6.30	9.19	9.00	12.32	12.00	60.19	2.75	3.00
9.70	6.12	11.63	10.00	9.88	12.00	59.54	3.13	3.25
11.33	6.30	15.00	12.00	7.40	7.00	55.49	4.48	3.50
8.80	4.85	9.75	10.00	11.85	12.00	59.30	5.45	3.00
9.43	6.58	14.44	10.00	11.58	12.00	54.14	3.83	3.00
9.98	6.44	16.81	12.00	7.07	7.00	55.65	4.05	3.50
9.75	4.21	10.00	9.00	10.15	11.00	61.66	4.23	3.00
13.18	11.26	12.50	11.00	12.98	15.00	47.43	2.65	2.00
11.40	4.38	14.56	12.00	7.30	16.00	56.83	5.53	3.50
10.03	5.60	10.50	9.00	13.48	12.00	56.04	4.35	3.50
9.33	4.48	10.25	8.50	11.70	12.00	58.99	5.25	4.00
10.35	8.45	15.63	10.00	8.05	12.00	52.92	4.60	3.25

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6241	Maritime Milling Co., Inc., Buffalo, N. Y. B. B. High Test, Sweetened	Ansonia: A. Hodos & Son . . .
8209	Meech & Stoddard, Inc., Middletown. Red Wing	Middletown: Meech & Stod- dard, Inc.
7848	Meech & Stoddard, Inc., Middletown. Red Wing Special	Essex: Meech & Stoddard, Inc.
7613	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's	Stratford: Z. C. Ingersoll . . .
7640	Fred C. Morse & Son, Guilford. Old Mill Fitting Feed	Guilford: Fred C. Morse & Son
8350	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's	Moodus: M. Levine
7863	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's, with Molasses	Middletown: P. Levson & Son
7723	Park & Pollard Co., Inc., Buffalo, N. Y. Bison, Sweetened	Norwalk: Frank Libner & Sons
7719	Park & Pollard Co., Inc., Buffalo, N. Y. Fitting Ration	Norwalk: Frank Libner & Sons
7716	Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard	Norwalk: Frank Libner & Sons
7601	Quaker Oats Co., Chicago, Ill. Quaker Schumacher Feed	Southport: C. Buckingham & Co.
7647	Quaker Oats Co., Chicago, Ill. Quaker Sugared Schumacher Feed	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.35	6.19	10.00	9.00	11.42	12.00	58.49	4.55	3.00
9.00	6.03	9.75	9.00	11.68	12.00	59.31	4.23	3.00
10.53	6.55	9.69	9.00	9.70	12.00	58.98	4.55	3.00
10.35	5.59	12.25	9.00	6.30	12.00	59.06	6.45	3.00
12.48	5.76	14.38	12.00	5.77	8.00	57.41	4.20	4.00
7.73	6.28	11.94	9.50	10.70	12.00	58.22	5.13	3.00
10.75	5.20	12.00	9.50	9.80	12.00	58.22	4.03	2.50
11.33	6.78	12.50	10.00	12.19	12.00	54.09	3.11	3.00
11.03	6.31	16.63	12.00	6.74	7.00	55.94	3.35	3.50
9.38	4.78	9.38	8.50	10.13	12.00	61.15	5.18	4.00
8.68	6.62	10.69	10.00	5.52	12.00	64.31	4.18	3.00
10.78	6.39	10.25	10.00	12.30	12.00	56.75	3.53	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8008	Ralston Purina Co., St. Louis, Mo. Purina Bulky Cow Chow	Lebanon: Berkman Grain Co. . .
7708	Ralston Purina Co., St. Louis, Mo. Purina Fitting Chow	Stamford: Clapboard Hill Feed Co.
6464	Seymour Grain & Coal Co., Seymour Miracle Fitting Ration	Seymour: Seymour Grain & Coal Co.
6235	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia	Ansonia: I. Sovitsky Grain & Coal Co.
6347	St. Albans Grain Co., St. Albans, Vt. Hygrade Fitting Ration or Stock Feed	Danbury: F. C. Benjamin
8004	St. Albans Grain Co., St. Albans, Vt. . King	Willimantic: Willimantic Grain Co.
7846	St. Albans Grain Co., St. Albans, Vt. Utility 60 Pasture Ration	Clinton: Clinton Grain Co.
6112	St. Albans Grain Co., St. Albans, Vt. Wirthmore 14 Fitting Ration	Branford: S. V. Osborn Estate
7744	St. Albans Grain Co., St. Albans, Vt. Wirthmore	Danbury: F. C. Benjamin
6322	Syracuse Milling Co., Syracuse, N. Y. Syragold	Kensington: A. S. Labieniec . .
7926	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Orco Feed	Hawleyville: W. A. Honan . .
7994	Yantic Grain & Products Co., Norwich. Big (Y) Fitting Ration	Rockville: Rockville Milling Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.18	6.68	21.25	16.00	10.25	12.00	48.04	3.60	3.00
13.35	5.97	15.63	13.50	9.95	12.00	51.15	3.95	2.60
10.35	7.10	14.94	12.00	7.57	8.00	55.06	4.98	4.00
8.80	5.19	10.50	8.00	14.49	12.00	57.14	3.88	2.00
9.30	6.84	13.63	10.00	12.02	12.00	55.08	3.13	3.25
9.08	3.90	10.25	9.00	9.60	10.00	61.84	5.33	4.00
10.78	7.03	14.00	14.00	14.03	13.00	51.01	3.15	3.00
10.95	6.17	16.88	14.00	6.55	7.00	55.10	4.35	4.00
10.10	4.11	10.88	9.00	10.43	9.50	58.40	6.08	4.00
11.70	4.38	9.63	9.00	8.66	12.00	61.30	4.33	3.00
11.73	8.99	19.44	16.00	9.58	12.00	46.31	3.95	3.00
9.98	6.21	14.88	12.00	6.95	7.00	57.75	4.23	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8349	Yantic Grain & Products Co., Norwich. Big (Y)	East Haddam: East Haddam Grain Co.
7956	Yantic Grain & Products Co., Norwich. Big (Y) Sugared	Farmington: Farmington Grain Co.
8242	Yantic Grain & Products Co., Norwich. Big (Y) Sugared	Jewett City: Big Y Feed Store
Calf feeds and other products		
8161	Allied Mills, Inc., Chicago, Ill. Emergency Hog Feed	Bristol: A. J. Bower
6348	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Calf Meal	New Milford: W. L. Richmond
6452	Blatchford Calf Meal Co., Waukegan, Ill. Blatchford's Calf Meal	Middletown: Meech & Stoddard, Inc.
7923	Eastern States Farmers Exchange, Spring- field, Mass. ... Eastern States Calf Ration	Norfolk: W. A. Spaulding ...
7917	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore "Three Point" Calf Meal	Winsted: Chas. R. Hawley ...
7838	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Calf Starter	New Britain: Wm. Cohen
7850	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Hog Meal	Chester: Leet Bros.
7699	Larowe Milling Co., Detroit, Mich. Larro Hog Feed	So. Norwalk: Roodner Feed Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
8.15	4.23	10.50	9.00	11.03	12.00	61.29	4.80	4.00
10.13	4.03	8.13	9.00	11.75	12.00	61.98	3.98	4.00
8.40	6.86	9.13	9.00	11.75	12.00	58.58	5.28	4.00
9.95	6.67	17.88	14.00	5.88	7.00	55.99	3.63	3.00
9.48	4.74	25.00	25.00	3.48	6.00	54.02	3.28	3.00
9.10	8.02	24.38	24.00	6.15	6.75	47.45	4.90	5.00
11.48	3.10	12.63	10.50	6.23	7.00	62.18	4.38	3.50
10.80	3.05	24.88	24.00	3.15	4.00	53.62	4.50	4.00
10.05	3.32	23.13	18.00	4.80	5.00	54.15	4.55	3.00
10.63	6.59	17.38	16.00	6.70	10.00	53.65	5.05	5.00
10.53	7.36	19.38	18.00	7.68	10.00	49.85	5.20	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6409	Park & Pollard Co., Inc., Buffalo, N. Y. Milkade Calf Meal	Winsted: Leonard Grain Co. . .
7980	Quaker Oats Co., Chicago, Ill. Schumacher Calf Meal	Hazardville: Amos D. Bridge's Sons
6433	Ralston Purina Co., St. Louis, Mo. Purina Calf Chow	Willimantic: Willimantic Grain Co.
8015	Ralston Purina Co., St. Louis, Mo. Purina Hog Fatena Chow	Portland: Valley Mills
7765	St. Albans Grain Co., St. Albans, Vt. Wirthmore Calf Meal	Meriden: H. Grulich
6178	St. Albans Grain Co., St. Albans, Vt. Wirthmore Pig and Hog, A Growing and Fattening Feed	Milford: Milford Grain Co. . .
7927	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Calf Food	Hawleyville: W. A. Honan . .
8218	Yantic Grain & Products Co., Norwich. Big (Y) Hog and Pig Ration	Norwich: Yantic Grain & Products Co.
Poultry feeds		
7975	Allied Mills, Inc., Chicago, Ill. Sucrene All Mash Poultry Feed with Cod Liver Oil	Suffield: R. J. C. Wetherell . .
6195	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter	Plantsville: C. A. Cowles . . .
7925	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower	Falls Village: H. E. Dean . . .

INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
9.15	9.00	23.88	20.00	5.85	6.50	42.87	9.25	7.00	
8.33	5.07	20.75	18.00	3.25	4.00	55.45	7.15	7.50	
9.65	5.51	29.25	27.00	3.68	4.50	48.01	3.90	3.20	
11.70	6.82	15.75	14.00	5.63	7.00	56.27	3.83	3.00	
10.38	4.81	24.63	24.00	3.88	4.00	50.75	5.55	5.50	
11.03	7.45	19.38	17.00	5.59	9.00	51.57	4.98	4.00	
10.70	7.11	23.69	21.00	5.33	7.00	48.52	4.65	4.00	
9.63	5.75	18.50	17.00	5.75	7.00	54.84	5.53	4.00	
10.53	6.42	17.13	15.50	5.65	8.00	55.22	5.05	3.50	
9.43	8.20	17.19	16.00	5.31	6.00	53.59	6.28	4.00	
10.63	5.74	16.50	15.00	5.00	6.00	56.50	5.63	4.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7822	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash	Bethlehem: A. T. Miner
7909	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash with Cod Liver Oil	Riverton: L. A. Coe
8162	Allied Mills, Inc., Chicago, Ill. Wayne Poultry Fattener	Bristol: A. J. Bower
7824	Allied Mills, Inc., Chicago, Ill. Wayne Scratch Feed	Bethlehem: A. T. Miner
8160	Allied Mills, Inc., Chicago, Ill. Wayne Special Scratch Feed	Bristol: A. J. Bower
8219	Allied Mills, Inc., Chicago, Ill. Wayne Turkey Mash	Bristol: A. J. Bower
7835	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Growing Mash	Meriden: Raymond Ives
6315	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Laying Mash	Meriden: Raymond Ives
6317	Arcady Farms Milling Co., Chicago, Ill. Arcady Scratch Grains	Meriden: Raymond Ives
8306	Arcady Farms Milling Co., Chicago, Ill. Wonder Complete Broiler Ration	New Britain: S. P. Strople . .
7657	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Laying Mash	Derby: Derby Feed Store . . .
7636	E. W. Bailey & Co., Montpelier, Vt. Pennant Scratch Feed	Guilford: F. H. Rolf, Inc. . . .

INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
10.08	7.37	18.13	18.00	6.15	7.00	52.14	6.13	3.50	
10.10	7.95	18.25	18.00	5.70	7.00	51.91	6.09	3.50	
9.58	2.68	15.38	13.50	4.75	6.00	62.16	5.45	4.00	
12.23	1.42	10.63	10.00	2.83	5.00	70.74	2.15	2.50	
10.78	1.48	10.88	9.00	2.55	4.00	72.31	2.00	2.50	
10.65	6.02	16.00	15.00	7.03	6.00	56.67	3.63	3.50	
9.88	9.21	16.63	16.00	7.15	10.00	51.69	5.44	4.00	
9.78	10.33	20.75	20.00	5.74	9.00	48.12	5.28	4.00	
13.13	1.71	11.50	10.00	2.72	5.00	67.84	3.10	2.50	
11.45	6.83	18.50	17.00	5.18	5.00	54.39	3.65	5.00	
10.68	8.51	22.81	20.00	4.85	6.00	48.10	5.05	5.00	
13.78	1.55	11.63	10.00	2.81	6.50	67.30	2.93	3.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7607	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Broiler Feed	Bridgeport: Herbert C. Ferris
6346	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Developer Feed	Danbury: C. S. Barnum & Son
6225	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Growing Mash	Shelton: Shelton Feed Co.
6227	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Cayuga Laying Mash with Butter- milk	Shelton: Shelton Feed Co.
6349	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon's Cayuga Scratch Feed	New Milford: W. L. Richmond & Son
7944	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Chick Feed	New Milford: W. L. Richmond & Son
6224	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Complete Starting Ration	Shelton: Shelton Feed Co.
7606	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Duck Growing Mash	Bridgeport: Herbert C. Ferris
6226	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Egg Mash with Buttermilk	Shelton: Shelton Feed Co.
6345	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Growing Mash	Danbury: C. S. Barnum & Son
7608	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Special Coccidiosis Mash	Bridgeport: Herbert C. Ferris
6343	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Special Scratch Grains	Danbury: C. S. Barnum & Son

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.63	7.59	16.88	15.00	4.13	6.00	56.17	4.60	4.00
11.88	1.53	10.88	10.00	1.50	5.00	70.53	3.68	2.50
10.68	8.92	16.50	16.00	5.18	7.00	53.94	4.78	4.00
9.68	11.20	21.31	20.00	5.85	7.00	47.23	4.73	4.00
12.68	1.38	12.06	9.00	2.52	5.00	69.08	2.28	2.50
12.03	1.58	11.19	10.00	1.88	3.50	69.64	3.68	2.50
10.70	8.40	18.13	16.50	3.91	6.00	54.51	4.35	4.00
11.13	7.15	18.88	17.00	4.65	7.00	53.21	4.98	4.50
9.53	11.52	21.88	21.00	5.80	7.00	46.52	4.75	4.50
9.58	9.34	18.38	17.00	5.17	7.00	52.83	4.70	4.00
8.98	8.44	18.44	17.00	2.71	5.00	58.83	2.60	1.00
12.60	1.44	12.50	9.00	2.26	3.50	69.20	2.00	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7658	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Turkey Growing Feed	Shelton: Shelton Feed Co. . . .
6135	Ira W. Beers, Hamden. Beer's Laying Mash	Hamden: Ira W. Beers
6137	Ira W. Beers, Hamden. Beer's Scratch Feed	Hamden: Ira W. Beers
6326	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Dry Mash	Norwalk: Frank Libner & Sons
7659	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Scratch Feed	Shelton: Shelton Feed Co. . . .
6249	Bristol Supply Co., Bristol. Bristol Laying Mash	Bristol: Bristol Supply Co. . .
6251	Bristol Supply Co., Bristol. . Bristol Scratch	Bristol: Bristol Supply Co. . .
7954	C. Buckingham & Co., Southport. C. B. Scratch Feed	Southport: C. Buckingham & Co.
7828	C. Buckingham & Co., Southport. C. B. Starter	Southport: C. Buckingham & Co.
8249	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Feed	Westerly: C. W. Campbell Co.
8246	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Starter	Groton: C. W. Campbell Co. . .
8248	C. W. Campbell Co., Westerly, R. I. Egg-O-Growing	Westerly: C. W. Campbell Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.28	10.85	16.88	16.00	5.63	7.00	51.36	5.00	4.00
10.45	6.77	21.50	19.00	6.46	7.00	49.54	5.28	5.50
12.83	1.48	11.81	9.00	2.90	4.00	67.95	3.03	3.00
10.65	8.55	23.69	18.00	5.31	8.50	47.45	4.35	3.00
12.65	1.63	10.88	10.00	2.68	5.00	69.11	3.05	1.50
8.98	9.78	20.88	18.00	7.53	10.00	47.93	4.90	4.00
10.90	1.68	12.63	9.00	2.99	6.00	68.97	2.83	2.00
12.18	1.50	10.75	10.00	2.80	3.80	70.37	2.40	2.50
10.40	8.61	19.31	17.00	4.50	5.00	51.80	5.38	4.00
11.43	1.39	11.69	10.00	1.25	5.00	71.56	2.68	2.00
9.05	3.65	15.63	15.00	3.98	5.00	61.99	5.70	4.00
8.68	7.42	21.25	18.00	5.35	8.00	52.25	5.05	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8252	C. W. Campbell Co., Westerly, R. I. Egg-O-Intermediate	Westerly: C. W. Campbell Co.
8316	C. W. Campbell Co., Westerly, R. I. Egg-O-Mash	Groton: C. W. Campbell Co. . .
8243	C. W. Campbell Co., Westerly, R. I. Egg-O-Scratch	Groton: C. W. Campbell Co. . .
7874	Chapin & Co., Hammond, Ind. Ajax Egg Mash	Bristol: C. A. Cowles
6303	Chapin & Co., Hammond, Ind. Ajax Scratch Feed	Bristol: C. A. Cowles
6469	Chapin & Co., Hammond, Ind. Chapin Kernels Grow-All	Danbury: C. S. Barnum & Son
6189	Chapin & Co., Hammond, Ind. Chapin Kernels Lay-All	Plantsville: C. A. Cowles . . .
6190	Chapin & Co., Hammond, Ind. Chapin Kernels Start-All	Plantsville: C. A. Cowles . . .
6188	The Coles Co., Middletown. Fortune Egg Mash, with Dried Buttermilk	Plantsville: Atwater Mills . . .
6298	The Coles Co., Middletown. Fortune Growing Feed	Plantsville: Atwater Mills . . .
6187	The Coles Co., Middletown. Fortune Intermediate Scratch	Plantsville: Atwater Mills . . .
8014	The Coles Co., Middletown. Fortune Scratch Feed	Middletown: The Coles Co. . .

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.28	2.08	11.00	10.00	1.98	4.00	70.41	3.25	2.00
8.48	8.73	21.50	18.00	6.60	8.00	49.21	5.48	2.00
11.25	1.75	10.56	10.00	2.90	5.00	70.99	2.55	2.00
10.45	7.60	18.44	18.00	6.45	7.00	52.01	5.05	3.50
12.20	1.82	12.75	9.00	2.83	5.00	67.82	2.58	2.50
8.30	6.95	19.69	16.00	3.88	5.50	57.25	3.93	3.50
7.85	7.08	19.69	16.00	4.58	5.50	56.25	4.55	3.50
8.65	5.85	17.50	15.00	3.80	4.50	59.72	4.48	3.50
10.68	9.12	20.94	17.00	4.99	9.00	48.47	5.80	3.50
10.33	8.35	17.75	10.00	5.71	8.00	52.48	5.38	1.50
12.18	1.46	10.56	10.00	2.28	3.00	71.02	2.50	5.00
11.20	1.77	11.25	10.00	3.10	5.00	70.25	2.43	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6239	G. E. Conkey Co., Cleveland, Ohio. Conkey All Mash Chick Ration with Y-O	Ansonia: A. Hodos & Son
6162	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Chick Grains	New Haven: Frank S. Platt Co.
6243	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash with Y-O	Ansonia: A. Hodos & Son
6163	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Grains	New Haven: Frank S. Platt Co.
6238	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash	Ansonia: A. Hodos & Son
6160	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash with But- termilk and Y-O	New Haven: Frank S. Platt Co.
6240	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Scratch Grains	Ansonia: A. Hodos & Son
6463	G. E. Conkey Co., Cleveland, Ohio. Conkey's Red Seal Laying Mash	Ansonia: A. Hodos & Son
6161	G. E. Conkey Co., Cleveland, Ohio. Conkey's (The Original) Starting Feed with Buttermilk and Y-O	New Haven: Frank S. Platt Co.
6405	C. A. Cowles, Plantsville. C. A. Blue Seal Mash	Plantsville: C. A. Cowles
6406	C. A. Cowles, Plantsville. Cowles' Scratch Feed	Plantsville: C. A. Cowles ...

INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
10.98	7.15	15.56	15.00	4.03	6.00	56.68	5.60	4.00	
12.23	1.64	10.88	9.75	1.28	2.50	71.67	2.30	2.50	
9.88	9.97	21.06	20.00	5.14	7.00	47.87	6.08	5.00	
12.43	1.48	11.81	10.00	1.65	3.00	69.15	3.48	2.50	
9.53	7.60	17.75	18.00	4.84	7.00	55.15	5.13	4.00	
10.78	8.31	18.88	18.00	4.55	7.50	51.55	5.93	5.50	
12.58	1.36	11.69	9.00	2.45	3.00	69.72	2.20	2.00	
10.60	7.09	18.88	18.00	5.21	6.00	52.82	5.40	4.00	
15.38	6.80	15.88	15.00	3.33	5.00	52.68	5.93	4.00	
8.88	13.91	18.06	18.00	6.12	6.00	48.25	4.78	4.00	
12.98	1.68	11.38	10.00	2.78	5.00	68.43	2.75	1.50	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7977	Crosby Milling Co., Brattleboro, Vt. Crosby's Egg Mash	Thompsonville: John Williams
7700	Crosby Milling Co., Brattleboro, Vt. Crosby's Scratch Feed	So. Norwalk: Roodner Feed Co.
8019	P. Cutler, Inc., Colchester. Prosperity Laying Mash	Colchester: P. Cutler, Inc.
8020	P. Cutler, Inc., Colchester. Prosperity Scratch Feed	Colchester: P. Cutler, Inc.
6176	R. G. Davis & Sons, Inc., New Haven. Davis Buttermilk Mash	Milford: Milford Grain Co. ..
7677	R. G. Davis & Sons, Inc., New Haven. Davis Scratch Feed	Milford: Milford Grain Co. ..
7628	Delaware Mills, Inc., Deposit, N. Y. Brooklawn Special Scratch	Bridgeport: Brooklawn Feed Co.
7629	Delaware Mills, Inc., Deposit, N. Y. Delaware Broiler Mash	Bridgeport: Brooklawn Feed Co.
7602	Delaware Mills, Inc., Deposit, N. Y. Delaware Chick Grains	Bridgeport: Brooklawn Feed Co.
6196	Delaware Mills, Inc., Deposit, N. Y. .. Dela- ware Growing Mash (with Dried Milk)	Southington: Southington Lumber & Feed Co.
6197	Delaware Mills, Inc., Deposit, N. Y. Double Circle Scratch Grains	Southington: Southington Lumber & Feed Co.
7679	Delaware Mills, Inc., Deposit, N. Y. Indian Laying Mash with Dried Milk	Bridgeport: Brooklawn Feed Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.98	8.45	21.75	20.00	4.90	7.00	50.32	4.60	4.00
12.88	1.53	10.44	11.00	2.74	5.00	69.63	2.78	3.00
9.95	6.65	18.50	16.00	6.05	10.00	53.60	5.25	3.00
12.18	1.64	11.13	10.00	2.73	6.00	69.79	2.53	2.00
11.53	6.83	18.75	18.00	5.13	7.00	52.56	5.20	5.00
11.98	1.59	11.19	10.00	2.68	5.00	69.83	2.73	2.00
13.15	1.53	10.94	9.00	2.28	4.00	69.67	2.43	2.50
11.45	7.34	16.81	17.00	5.48	6.00	54.27	4.65	5.00
12.58	1.50	10.94	10.00	1.29	3.00	70.16	3.53	3.00
10.43	8.24	21.44	17.00	5.98	6.00	48.68	5.23	5.00
13.23	1.71	13.31	10.00	2.77	5.00	66.58	2.40	2.50
10.65	10.69	22.13	18.00	5.80	7.00	45.30	5.43	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8255	Dietrich & Gambrill, Inc., Frederick, Md. Frederick Growing Mash	So. Manchester: A. H. Hayes
8030	Dietrich & Gambrill, Inc., Frederick, Md. Frederick Laying Mash	Putnam: Bosworth Bros.
8150	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Developing Scratch Feed	Danielson: Young Bros. Co.
8029	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Laying Mash	Putnam: Bosworth Bros.
8026	Dietrich & Gambrill, Inc., Frederick, Md. Gambrill's Scratch Feed	Putnam: Bosworth Bros.
8206	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Broiler Ration	Clinton: A. L. Lockwood
8200	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Broiler Ration with Cod Liver Oil	Norwich: A. E. Shedd
7941	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer	Norfolk: W. A. Spaulding
7945	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer with Cod Liver Oil	New Milford: Paul Caldwell
8340	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Egg Mash	Norwich: A. E. Shedd
6305	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Milk Egg Mash with Cod Liver Oil	North Haven: Ridgewood Farm

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
8.70	8.63	19.06	16.00	6.48	8.00	51.85	5.28	4.00
9.33	8.27	20.38	18.00	6.45	8.00	49.54	6.03	3.50
11.60	1.45	11.75	10.00	2.40	3.00	69.67	3.13	3.00
9.70	8.78	21.38	20.00	5.78	7.00	48.01	6.35	5.00
11.78	1.80	11.88	10.00	2.95	4.00	69.11	2.48	3.00
10.00	6.68	17.88	18.50	4.20	5.50	56.51	4.73	4.00
9.40	7.85	19.06	18.50	5.38	5.50	52.38	5.93	4.00
10.35	7.16	19.00	18.50	5.80	6.00	52.99	4.70	4.00
10.18	6.87	18.88	18.50	5.75	6.00	52.72	5.60	4.00
8.70	8.41	19.25	16.50	5.55	6.50	52.71	5.38	4.00
9.80	8.75	17.88	16.50	5.74	6.50	52.18	5.65	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6306	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Scratch Grains with Coarse Cracked Corn	North Haven: Ridgewood Farm
6304	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Starting and Growing Mash with Cod Liver Oil	North Haven: Ridgewood Farm
8188	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Turkey Grow	New Milford: Paul Caldwell
8315	Eastern States Farmers' Exchange, Springfield, Mass. . Eastern States Turkey Start	Norwich: A. E. Shedd
6473	Elmore Milling Co., Oneonta, N. Y. Elmore Chick Feed	Willimantic: Windham Grain Store
6420	Elmore Milling Co., Oneonta, N. Y. Elmore Chixsaver	Winsted: Chas. R. Hawley ..
6421	Elmore Milling Co., Oneonta, N. Y. Elmore Egg Mash	Winsted: Chas. R. Hawley ..
7978	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Growing Mash	Hazardville: Amos D. Bridge's Sons
6418	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore (Storrs Formula) Laying Mash	Winsted: Chas. R. Hawley ..
7979	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains	Hazardville: Amos D. Bridge's Sons
7812	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains Junior	Plainville: F. B. Newton

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
12.33	1.68	11.13	10.00	2.89	4.00	68.59	3.38	2.50
9.28	9.09	18.56	16.50	4.60	6.00	53.02	5.45	4.00
9.30	9.07	21.63	20.00	4.48	5.00	49.49	6.03	4.00
8.10	10.27	24.63	24.00	3.85	5.00	47.20	5.95	4.50
13.63	4.29	11.88	10.00	1.55	3.50	65.47	3.18	3.50
11.50	5.51	14.25	14.00	3.50	5.00	59.81	5.43	4.00
10.23	8.68	19.81	18.00	5.22	8.00	49.46	6.60	4.00
9.78	7.95	18.88	17.00	6.48	8.00	51.18	5.73	4.00
11.58	6.09	18.38	18.00	5.18	7.00	53.39	5.38	4.00
9.20	5.82	27.00	25.00	10.18	11.00	43.30	4.50	5.00
10.23	6.03	21.75	20.00	8.73	10.00	48.23	5.03	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6423	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Scratch Feed	Willimantic: Windham Grain Store
7796	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Laying Mash	New Britain: Wm. Cohen ...
8257	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Pennsy Scratch Feed	New Britain: Wm. Cohen
6131	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Feed	Hamden: Ira W. Beers
6404	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Starter	New Haven: Moran-Patton Co.
7849	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Fattening Mash	Chester: Leet Bros.
7792	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash	New Britain: Wm. Cohen ...
6171	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Laying Mash	New Haven: Moran-Patton Co.
6133	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Scratch Feed	Hamden: Ira W. Beers
7986	Flory Milling Co. Inc., Bangor, Pa. Flory's Egg Mash	Hartford: H. L. Solloway ...
7815	Flory Milling Co. Inc., Bangor, Pa. Flory's Scratch Feed	New Haven: Moran-Patton Co.
7813	Flory Milling Co. Inc., Bangor, Pa. Golden Egg Laying Mash	New Haven: Moran-Patton Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
14.73	1.42	11.38	10.00	3.45	7.00	66.24	2.78	3.50
10.55	9.65	18.69	16.50	6.03	6.50	49.00	6.08	4.00
10.75	1.77	10.88	9.00	2.60	4.00	71.12	2.88	2.50
11.78	1.52	12.38	10.00	1.67	3.00	69.40	3.25	3.00
6.98	5.58	17.75	15.00	4.43	6.00	60.13	5.13	4.00
10.83	5.50	15.63	14.00	3.58	5.00	59.51	4.95	4.00
10.90	6.21	18.13	16.00	6.50	7.00	52.13	6.13	4.00
10.45	8.55	21.38	20.00	6.63	7.00	46.61	6.38	5.00
12.08	1.62	11.81	10.00	2.75	4.00	69.11	2.63	2.50
9.35	8.54	21.56	20.00	5.95	6.00	49.75	4.85	4.50
13.13	1.56	9.63	9.00	2.55	4.00	70.68	2.45	2.50
10.38	7.13	21.25	20.00	5.83	7.00	49.98	5.43	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7843	Flory Milling Co. Inc., Bangor, Pa. Sunray Scratch Feed	New Haven: Moran-Patton Co.
8346	J. B. Garland & Son, Worcester, Mass. Garland's Growing Mash	No. Grosvenordale: Thompson Grain Co.
8345	J. B. Garland & Son, Worcester, Mass. Garland's Poultry Mash	No. Grosvenordale: Thompson Grain Co.
8347	J. B. Garland & Son, Worcester, Mass. Royal Worcester Scratch Feed	No. Grosvenordale: Thompson Grain Co.
8003	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Chick Ration	So. Coventry: E. W. Latimer
6468	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Egg Mash for Breeding and Laying	Norwalk: Frank Libner & Sons
6456	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Feed	Manchester: O. E. Bailey
8193	D. H. Grandin Co., Jamestown, N. Y. Grandin's Baby Chick Starter with Butter- milk	Warrenville: Ashford Co- operative Assoc.
6455	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Starter with Butter- milk—Cod Liver Oil	Manchester: O. E. Bailey
6457	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Complete Starting Ration with Buttermilk—Cod Liver Oil	Manchester: O. E. Bailey
6459	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk	Manchester: O. E. Bailey

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
13.05	1.44	10.06	9.00	1.98	5.00	71.17	2.30	2.50
7.83	11.89	19.56	14.00	3.60	8.00	51.44	5.68	4.00
7.55	15.08	22.75	20.00	4.73	8.00	44.31	5.58	4.00
10.95	1.88	10.69	8.00	3.70	5.00	69.78	3.00	2.00
9.78	8.04	18.13	17.00	4.35	5.00	54.90	4.80	4.00
9.43	8.94	22.00	20.00	6.28	7.00	47.75	5.60	5.50
11.75	1.37	11.25	10.00	1.54	5.00	70.94	3.15	2.50
10.08	4.72	15.56	14.00	3.95	5.00	60.39	5.30	4.00
9.90	4.98	14.94	14.00	3.46	5.00	61.49	5.23	4.00
10.53	7.87	17.56	16.00	3.13	6.00	56.01	4.90	4.00
8.80	11.14	15.69	15.00	5.66	8.00	53.73	4.98	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6458	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Intermediate Chick Feed	Manchester: O. E. Bailey
6460	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Laying Mash with Buttermilk	Manchester: O. E. Bailey
6461	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Screened Scratch Feed	Manchester: O. E. Bailey
8256	Great Atlantic & Pacific Tea Co., New York City. Daily Egg Mash Feed	So. Manchester: Great Atlantic & Pacific Tea Co.
8260	Great Atlantic & Pacific Tea Co., New York City. Daily Egg Scratch Feed	Burnside: Great Atlantic & Pacific Tea Co.
6403	Hales & Hunter Co., Chicago, Ill. Red Comb Chick Starter with Dried Buttermilk	Guilford: Fred C. Morse & Son
6297	Hales & Hunter Co., Chicago, Ill. Red Comb Duck Grower	Guilford: Fred C. Morse & Son
6296	Hales & Hunter Co., Chicago, Ill. Red Comb Duck Starter with Dried Buttermilk	Guilford: Fred C. Morse & Son
6127	Hales & Hunter Co., Chicago, Ill. Red Comb Egg Mash with Dried Buttermilk	Guilford: Fred C. Morse & Son
6308	Hales & Hunter Co., Chicago, Ill. Red Comb Growing Mash with Dried Buttermilk ...	Wallingford: A. E. Hall
6136	Hales & Hunter Co., Chicago, Ill. Red Comb Scratch Feed, No Grit	Hamden: Ira W. Beers
6320	A. S. Labieniec, Kensington. Reliable Laying Mash	Kensington: A. S. Labieniec ..

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
12.90	1.35	11.81	10.00	2.07	5.00	68.92	2.95	2.50
9.00	10.82	21.81	20.00	5.56	8.00	47.66	5.15	4.00
12.80	1.71	12.06	10.00	3.13	5.00	67.47	2.83	2.50
8.80	11.13	22.06	20.00	5.68	7.00	47.60	4.73	4.50
10.65	1.55	10.94	10.00	2.85	5.50	70.78	3.23	2.50
7.53	9.09	18.75	15.00	4.94	5.00	55.09	4.60	4.00
8.95	8.23	18.88	18.00	6.68	7.00	52.46	4.80	3.50
9.45	6.43	16.88	18.00	4.00	6.00	58.56	4.68	3.00
9.33	9.64	20.63	18.00	5.68	7.00	48.79	5.93	4.00
8.80	10.53	15.56	15.00	6.15	6.00	54.46	4.50	4.00
12.58	1.43	12.06	10.00	2.53	5.00	68.97	2.43	2.50
9.80	10.95	20.25	19.00	5.76	8.00	48.46	4.78	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6314	Laden Bros. Co. Inc., Wallingford. Laden's Baby Chick Starter	Wallingford: Laden Bros. Co. Inc.
6310	Laden Bros. Co. Inc., Wallingford. Laden's Growing Mash	Wallingford: Laden Bros. Co. Inc.
6311	Laden Bros. Co. Inc., Wallingford. Laden's Laying Mash	Wallingford: Laden Bros. Co. Inc.
7959	Larrowe Milling Co., Detroit, Mich. Larro Broiler Feed	Unionville: Lawton Miner Co.
6327	Larrowe Milling Co., Detroit, Mich. Larro Chick Grains	So. Norwalk: Roodner Feed Co.
6117	Larrowe Milling Co., Detroit, Mich. Larro Chick Starter	Branford: S. V. Osborn Estate
6329	Larrowe Milling Co., Detroit, Mich. Larro Egg Mash	So. Norwalk: Roodner Feed Co.
6328	Larrowe Milling Co., Detroit, Mich. Larro Growing Grains	So. Norwalk: Roodner Feed Co.
6199	Larrowe Milling Co., Detroit, Mich. Larro Growing Mash	Plainville: W. S. Eaton
7802	Larrowe Milling Co., Detroit, Mich. Larro Poultry Fattening Feed	Plantsville: C. A. Cowles
8236	Larrowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Adult Mash	Hazardville: Amos D. Bridge's Sons
7960	Larrowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Developer	Unionville: Lawton Miner Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.75	8.13	18.25	17.50	4.74	5.00	53.78	5.35	5.00
9.85	5.87	18.13	17.00	4.74	5.00	55.86	5.55	5.50
9.85	7.89	20.00	18.00	5.30	5.00	51.73	5.23	5.00
10.93	9.13	16.81	15.00	5.98	7.00	52.45	4.70	4.50
12.08	1.26	12.25	10.00	1.69	3.50	69.99	2.73	2.00
9.20	7.86	18.13	16.50	4.80	5.00	54.73	5.28	4.50
9.13	10.64	20.13	19.00	5.84	7.50	48.46	5.80	5.00
11.60	1.38	10.25	10.00	2.15	3.50	71.72	2.90	2.00
9.05	8.58	18.56	16.00	5.67	6.50	52.04	6.10	4.50
10.40	7.71	15.63	14.00	6.03	7.50	55.50	4.73	4.00
9.60	9.25	18.63	16.00	6.18	7.50	51.19	5.15	4.50
10.35	8.36	17.63	16.50	6.35	7.00	52.16	5.15	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7961	Larowe Milling Co., Detroit, Mich. Larro Turkey and Game Bird Starter	Unionville: Lawton Miner Co.
7785	C. W. Lines Co., New Britain. Homestead Dry Mash	New Britain: C. W. Lines Co.
8259	C. W. Lines Co., New Britain. Homestead Scratch Feed	New Britain: C. W. Lines Co.
7783	C. W. Lines Co., New Britain. Mill Pride Fancy Scratch Feed	New Britain: C. W. Lines Co.
7784	C. W. Lines Co., New Britain. Mill Pride Milk Mash	New Britain: C. W. Lines Co.
7952	Long Hill Feed Store, Long Hill. Square Deal Buttermilk Laying Mash	Long Hill: Long Hill Feed Store
6414	E. Manchester & Sons, Winsted. Huntington Red Star Egg Mash	Winsted: E. Manchester & Sons
6412	E. Manchester & Sons, Winsted. Red Star Egg Mash	Winsted: E. Manchester & Sons
6416	E. Manchester & Sons, Winsted. Red Star Scratch Feed	Winsted: E. Manchester & Sons
6413	E. Manchester & Sons, Winsted. Red Star Starting Mash	Winsted: E. Manchester & Sons
7964	Maritime Milling Co., Inc., Buffalo, N. Y. B. B. Daisy Egg Mash with Dried Butter- milk	Collinsville: Rourke-Robotham, Inc.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.48	6.58	18.13	17.00	5.40	6.50	54.58	4.83	4.50
10.25	11.42	20.88	18.00	6.20	7.00	45.92	5.33	4.00
10.58	1.51	10.56	9.00	2.33	5.00	72.27	2.75	2.50
12.45	1.57	10.75	10.00	2.63	5.00	70.20	2.40	3.00
10.03	11.40	20.50	18.00	5.35	7.50	48.44	4.28	5.00
9.38	11.09	22.13	20.00	6.88	7.00	45.02	5.50	5.00
9.58	9.53	18.44	13.00	7.18	6.00	49.47	5.80	4.00
8.73	13.48	19.81	18.00	5.61	8.00	46.92	5.45	4.00
12.53	1.62	12.63	9.00	3.40	6.00	67.24	2.58	2.00
9.33	9.24	19.00	15.00	6.14	7.00	50.51	5.78	4.00
10.20	1.48	18.75	18.00	6.55	7.00	58.07	4.95	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7989	Maritime Milling Co. Inc., Buffalo, N. Y. Vitamized B. B. Daisy Egg Mash and Cod Liver Oil	Glastonbury: Stanley Melzen .
7948	Maritime Milling Co., Inc., Buffalo, N. Y. Vitamized Bull Brand Growing Mash	Brookfield: S. A. Smith
7965	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand Scratch Feed	Collinsville: Rourke-Robotham, Inc.
8210	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Buttermilk Chick Starter	Middletown: Meech & Stoddard, Inc.
8211	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Buttermilk Growing Feed	Middletown: Meech & Stoddard, Inc.
7769	Meech & Stoddard, Inc., Middletown. . . Red Wing Special Buttermilk Laying Mash ...	Meriden: Meriden Grain & Coal Co.
7767	Meech & Stoddard, Inc., Middletown. Red Wing Special Chick Feed	Meriden: Meriden Grain & Coal Co.
7770	Meech & Stoddard, Inc., Middletown. Red Wing Special Intermediate Chick Feed	Meriden: Meriden Grain & Coal Co.
8207	Meech & Stoddard, Inc., Middletown. Red Wing Scratch Feed	Essex: Meech & Stoddard, Inc.
7766	Meech & Stoddard, Inc., Middletown. Red Wing Special Scratch Feed	Meriden: Meriden Grain & Coal Co.
7867	Mennel Milling Co., Toledo, Ohio. Mennel's Scratch Grains for Poultry, No Grit	Plainville: W. S. Eaton

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.78	8.05	18.88	18.00	6.53	7.00	51.86	4.90	3.50
10.63	6.78	16.25	17.00	5.43	7.00	54.78	6.13	4.50
12.10	6.14	10.63	10.00	2.65	4.00	66.20	2.28	2.50
8.80	10.56	17.50	13.00	5.18	5.00	53.00	4.96	4.00
8.58	10.39	18.50	17.00	7.40	8.00	49.63	5.50	5.50
10.00	11.51	18.88	17.00	7.08	8.00	46.85	5.68	5.50
12.75	1.95	12.50	10.00	2.48	5.00	66.12	4.20	3.00
13.63	1.54	10.00	10.00	2.58	5.00	69.72	2.53	3.00
12.15	1.43	10.44	10.00	2.28	5.00	71.17	2.53	3.00
13.85	1.50	10.00	10.00	3.14	5.00	69.11	2.40	3.00
12.98	1.70	10.50	10.00	3.45	5.00	68.58	2.79	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6223	Mennel Milling Co., Toledo, Ohio. Memo Egg Mash	Plainville: W. S. Eaton
7854	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Growing Mash	Higganum: Felix Petrofsky ..
7855	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Laying Mash with Dried Butter- milk	Higganum: Felix Petrofsky ..
6422	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Special A Laying Mash with Dried Buttermilk	Willimantic: Windham Grain Store
6424	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Scratch Feed	Willimantic: Windham Grain Store
6172	Moran-Patton Co., New Haven. C. B. Mash	New Haven: Moran-Patton Co.
7637	Fred C. Morse & Son, Guilford. Old Mill Growing Mash	Guilford: Fred C. Morse & Son
6126	Fred C. Morse & Son, Guilford. Old Mill Laying Mash	Guilford: Fred C. Morse & Son
6125	Fred C. Morse & Son, Guilford. Old Mill Laying Mash with Milk	Guilford: Fred C. Morse & Son
6130	Fred C. Morse & Son, Guilford. Old Mill Scratch Feed	Guilford: Fred C. Morse & Son
6128	Fred C. Morse & Son, Guilford. Old Mill Starting and Growing Mash	Guilford: Fred C. Morse & Son
8263	Nowak Milling Corp., Hammond, Ind. Domino Developing Feed	Sharon: Frank A. Wike & Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.45	8.60	17.50	17.00	6.68	8.00	51.67	5.10	4.50
10.05	13.83	16.75	17.00	4.63	7.00	50.74	4.00	4.00
9.95	13.42	20.25	20.00	5.33	9.00	46.30	4.75	4.00
9.08	13.16	20.06	18.00	6.41	9.00	45.69	5.60	5.00
12.38	1.50	12.63	10.00	3.09	5.00	67.90	2.50	2.00
10.75	7.81	20.50	18.00	8.44	7.00	47.62	4.88	4.00
10.50	8.50	16.88	15.00	5.29	6.00	53.15	5.68	5.00
9.78	10.60	21.38	19.00	6.33	8.00	46.58	5.33	4.50
9.50	10.31	22.38	20.00	6.05	8.00	46.88	4.88	5.00
12.33	1.50	11.50	10.00	2.29	4.00	69.25	3.13	2.50
10.05	8.76	18.38	16.00	3.55	3.50	53.83	5.43	4.50
10.98	1.87	11.44	10.00	2.33	4.00	69.75	3.63	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7674	Nowak Milling Corp., Hammond, Ind. Domino Egg Pel-ets	Milford: Milford Grain Co. . .
8262	Nowak Milling Corp., Hammond, Ind. Domino Laying Mash with Buttermilk	Sharon: Frank A. Wike & Co.
8261	Nowak Milling Corp., Hammond, Ind. Domino Scratch Feed	Sharon: Frank A. Wike & Co.
6316	Ontario Milling Co. Inc., Oswego, N. Y. Aunt Mary's Egg Mash with Dried Buttermilk	Meriden: Raymond Ives
6475	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Egg Mash with Dried Butter- milk and Cod Liver Oil	Middletown: P. Levson & Son
7866	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil	Middletown: P. Levson & Son
7865	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Scratch Feed	Middletown: P. Levson & Son
6474	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Egg Mash with Dried Buttermilk	Middletown: P. Levson & Son
8343	Ontario Milling Co. Inc., Oswego, N. Y. Sunshine Scratch Feed	Middletown: P. Levson & Son
6114	S. V. Osborn Estate, Branford. Osborn Mash	Branford: S. V. Osborn Estate
6121	S. V. Osborn Estate, Branford. Osborn Scratch	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
9.70	8.85	20.88	20.00	6.78	7.50	48.14	5.65	4.50	
7.80	12.14	20.19	20.00	5.35	7.50	48.74	5.78	4.50	
10.58	1.35	11.00	10.00	2.13	4.00	72.76	2.18	2.00	
9.30	11.68	21.88	19.00	5.84	8.50	45.22	6.08	4.00	
9.60	12.79	20.44	19.00	5.68	8.50	45.54	5.95	4.00	
10.00	8.73	18.75	17.00	6.05	8.00	50.29	6.18	4.00	
12.35	1.48	11.00	10.00	2.48	5.00	70.16	2.53	2.50	
10.28	8.64	19.00	18.00	6.15	8.50	50.43	5.50	4.00	
11.28	1.42	10.75	10.00	2.48	5.00	70.89	3.18	2.50	
10.50	5.52	13.50	12.00	7.08	8.00	59.62	3.78	3.00	
12.78	1.53	11.13	10.00	3.07	5.00	68.36	3.13	2.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6152	Park & Pollard Co., Inc., Buffalo, N. Y. All-In-One Starting Feed	Waterbury: Spencer Grain Co.
6149	Park & Pollard Co., Inc., Buffalo, N. Y. Growing Feed	West Cheshire: Cheshire Grain & Coal Co.
6153	Park & Pollard Co., Inc., Buffalo, N. Y. Intermediate Chick Feed	Waterbury: Spencer Grain Co.
6150	Park & Pollard Co., Inc., Buffalo, N. Y. Lay or Bust Dry Mash	Waterbury: Spencer Grain Co.
8241	Park & Pollard Co., Inc., Buffalo, N. Y. Lay or Bust Dry Mash with Cod Liver Oil	Danielson: Kennedy Corp. Inc.
7895	Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard Broiler Ration	Waterbury: Spencer Grain Co.
6408	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Chick Scratch	Winsted: Leonard Grain Co. ..
6141	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Chick Starter	West Cheshire: Cheshire Grain & Coal Co.
7896	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Turkey Grower	Waterbury: Spencer Grain Co.
8201	Park & Pollard Co. Inc., Buffalo, N. Y. Park & Pollard Turkey Starter	Norwich: A. E. Shedd
6342	Park & Pollard Co. Inc., Buffalo, N. Y. Red Ribbon Chick Feed	Danbury: C. S. Barnum & Son
6140	Park & Pollard Co. Inc., Buffalo, N. Y. Red Ribbon Scratch Feed	West Cheshire: Cheshire Grain & Coal Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.25	6.62	16.56	15.00	3.82	5.00	58.75	4.00	3.50
10.73	7.20	16.88	14.00	5.89	7.00	54.87	4.43	3.00
11.00	1.34	11.31	10.00	2.04	3.50	71.68	2.63	3.00
11.65	8.51	18.13	18.00	5.62	7.00	51.51	4.58	3.00
9.33	9.28	20.50	18.00	5.20	7.00	50.99	4.70	3.00
10.13	7.96	18.25	16.00	5.70	5.00	54.46	3.50	3.50
12.33	1.60	12.38	10.00	1.83	3.00	68.91	2.95	3.00
10.08	7.18	18.38	17.00	3.18	5.00	56.55	4.63	3.50
9.78	7.18	17.13	15.00	6.53	7.00	54.85	4.53	3.00
9.43	7.39	19.63	17.00	4.85	5.00	53.95	4.75	3.50
12.75	1.52	11.13	10.00	1.82	3.50	69.75	3.03	3.00
12.90	1.52	11.50	10.00	2.53	5.00	68.07	3.48	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
8203	Frank S. Platt Co., New Haven. Platco Laying Mash	New Haven: Frank S. Platt Co.
6168	Frank S. Platt Co., New Haven. Platco Perfection Grain Mixture	New Haven: Frank S. Platt Co.
6407	Pratt Food Co., Hammond, Ind. . Pratt's All Mash Starter and Grower with Buttermilk	Bristol: Bristol Supply Co. . .
6248	Pratt Food Co., Hammond, Ind. Pratt's Baby Chick Food with Buttermilk	Bristol: Bristol Supply Co. . .
6325	Pratt Food Co., Hammond, Ind. Pratt's Broiler Mash with Buttermilk	Norwalk: Frank Libner & Sons
7717	Pratt Food Co., Hammond, Ind. Pratt's Circle A Large Scratch Feed	Norwalk: Frank Libner & Sons
6302	Pratt Food Co., Hammond, Ind. Pratt's Growing Mash with Buttermilk	Bristol: Bristol Supply Co. . .
6324	Pratt Food Co., Hammond, Ind. Pratt's Intermediate Scratch Feed	Norwalk: Frank Libner & Sons
6247	Pratt Food Co., Hammond, Ind. Pratt's Laying Mash with Buttermilk	Bristol: Bristol Supply Co. . .
6253	Pratt Food Co., Hammond, Ind. Pratt's Large Scratch Feed	Bristol: Bristol Supply Co. . .
6453	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Laying Mash	Manchester: Little & McKinney
7984	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Scratch Feed	East Hartford: Stowe & Rondeau

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.73	6.20	21.88	20.00	4.68	7.00	51.58	5.93	5.50
13.25	1.52	12.31	10.00	3.68	3.50	66.29	2.95	3.00
10.60	7.23	17.56	16.00	3.69	5.50	56.37	4.55	4.00
10.10	9.74	16.38	16.00	3.31	4.00	55.92	4.55	3.50
10.65	9.50	18.88	16.50	4.24	6.00	52.00	4.73	4.50
12.38	1.59	10.25	10.00	2.94	4.00	70.06	2.78	2.00
8.53	11.39	19.00	17.50	6.22	7.00	49.36	5.50	4.50
12.85	1.40	12.50	10.00	2.12	4.00	68.33	2.80	2.00
8.80	9.37	22.13	20.00	6.68	6.75	47.52	5.50	4.00
12.18	1.42	12.00	10.00	2.34	4.00	69.23	2.83	2.00
10.38	8.93	20.81	20.00	5.68	8.00	50.02	4.18	4.00
12.20	1.53	11.00	10.00	2.50	5.00	70.24	2.53	1.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7992	Quaker Oats Co., Chicago, Ill. Early Bird Coarse Chick Feed	Rockville: Rockville Grain & Coal Co.
6344	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Danbury: C. S. Barnum & Son
7993	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Rockville: Rockville Grain & Coal Co.
6341	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Egg Mash	Danbury: C. S. Barnum & Son
6194	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Growing Mash	Plantsville: C. A. Cowles
7821	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Scratch Grains	Watertown: Watertown Co-op. Assoc.
7701	Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Station Grade Fattening Feed	Noroton: Davis Grain Co.
6448	Quaker Oats Co., Chicago, Ill. Schumacher Little Chick Feed—No Grit	Rockville: Rockville Grain & Coal Co.
7747	Quaker Oats Co., Chicago, Ill. Schumacher Scratch Grains, No Grit	Bethel: Morrison & Dunham ..
8153	Ralston Purina Co., St. Louis, Mo. Fine Ground Poultry Alfalfa Meal	Danielson: Kennedy Corp. Inc.
7705	Ralston Purina Co., St. Louis, Mo. Protena Scratch Feed (Buffalo Mill)	Stamford: Clapboard Hill Feed Co.
6175	Ralston Purina Co., St. Louis, Mo. Purina All Mash Startena Chow contain- ing Mineral	New Haven: Moran-Patton Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.73	1.39	10.63	9.50	2.43	3.50	71.97	2.85	2.00
8.23	6.71	18.75	17.00	5.80	7.00	54.46	6.05	5.00
8.90	7.55	16.75	17.00	6.53	7.00	54.97	5.30	5.00
8.00	10.52	21.75	20.00	6.34	8.00	47.86	5.53	4.00
8.50	9.80	20.19	19.00	5.44	6.00	50.99	5.08	5.00
11.90	1.46	10.44	9.00	2.63	3.50	70.22	3.35	2.00
10.65	3.20	13.69	12.50	3.88	5.00	63.50	5.08	4.50
11.78	1.35	10.13	10.00	2.11	2.00	72.08	2.55	2.00
11.45	1.53	11.81	10.00	2.65	3.50	69.81	2.75	2.00
9.05	9.66	16.50	17.00	24.38	25.00	38.52	1.89	1.60
12.53	1.73	11.88	9.50	3.58	4.00	67.93	2.35	2.00
10.85	7.10	20.25	18.00	4.10	7.00	52.37	5.33	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
6451	Ralston Purina Co., St. Louis, Mo. Purina Breeder Egg Chowder containing Mineral	Rockville: Rockville Grain & Coal Co.
6338	Ralston Purina Co., St. Louis, Mo. Purina Chick Chow	Stamford: Clapboard Hill Feed Co.
6173	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fatena Chow containing Mineral	New Haven: Moran-Patton Co.
6169	Ralston Purina Co., St. Louis, Mo. Purina Chick Growena Chow containing Mineral	New Haven: Moran-Patton Co.
6170	Ralston Purina Co., St. Louis, Mo. Purina Chick Startena Chow containing Mineral	New Haven: Moran-Patton Co.
6339	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder containing Mineral	Stamford: Clapboard Hill Feed Co.
7727	Ralston Purina Co., St. Louis, Mo. Purina Hen Chow	New Canaan: Clapboard Hill Feed Co.
7611	Ralston Purina Co., St. Louis, Mo. Purina Intermediate Hen Chow	Stratford: Farmers Flour & Grain Co.
6174	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow containing Mineral	New Haven: Moran-Patton Co.
6340	Ralston Purina Co., St. Louis, Mo. Purina Pig Chow	Stamford: Clapboard Hill Feed Co.
7669	Wolf Savitsky, Shelton. Wolf's Egg Mash	Shelton: Wolf Savitsky

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.93	10.16	21.00	19.00	6.87	8.00	47.11	4.93	3.50
12.50	2.05	11.25	10.00	2.46	4.00	69.06	2.68	2.00
10.20	3.98	14.00	12.00	5.67	6.60	61.60	4.55	3.00
9.75	7.05	17.13	16.30	6.13	7.00	54.94	5.00	3.50
10.05	9.14	22.38	19.00	5.11	7.00	47.69	5.63	4.00
10.25	9.77	21.13	19.00	7.38	8.00	46.54	4.93	3.50
12.63	1.64	11.00	10.00	3.88	4.00	67.35	3.50	2.50
12.00	1.84	11.00	10.00	1.99	4.00	70.07	3.10	2.50
11.93	8.73	18.75	17.00	6.43	8.00	49.73	4.43	2.50
11.15	10.22	27.75	25.00	7.79	8.00	38.96	4.13	3.20
10.93	8.73	21.13	18.00	6.08	7.00	48.15	4.98	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
7670	Wolf Savitsky, Shelton. Wolf's Scratch Feed	Shelton: Wolf Savitsky
7681	Seymour Grain & Coal Co., Seymour. Miracle Chick Grower	Seymour: Seymour Grain & Coal Co.
6465	Seymour Grain & Coal Co., Seymour. Miracle Chick Starter	Seymour: Seymour Grain & Coal Co.
7818	Seymour Grain & Coal Co., Seymour. Miracle Laying Mash	Seymour: Seymour Grain & Coal Co.
6466	Seymour Grain & Coal Co., Seymour. See More Egg Scratch Feed	Seymour: Seymour Grain & Coal Co.
6228	Shelton Feed Co., Shelton Nelson Mixed Chicken Feed	Shelton: Shelton Feed Co.
6232	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia Egg Mash with Buttermilk	Ansonia: I. Sovitsky Grain & Coal Co.
6237	I. Sovitsky Grain & Coal Co., Ansonia. Ansonia Scratch Feed	Ansonia: I. Sovitsky Grain & Coal Co.
8309	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Intermediate Chick Feed	Stepney: M. Nusbaum
8310	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Scratch Grains	Stepney: M. Nusbaum
6425	St. Albans Grain Co., St. Albans, Vt. King Chick Feed	Willimantic: Willimantic Grain Co.
8202	St. Albans Grain Co., St. Albans, Vt. King Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil ..	Norwich: Norwich Grain Co. .

INSPECTION OF 1931—(Continued)

Pounds per hundred									
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat		
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than	
%	%	%	%	%	%	%	%	%	
12.75	1.47	11.00	13.00	2.25	4.00	69.70	2.83	3.00	
10.55	11.63	18.44	16.00	3.63	6.00	51.42	4.33	4.00	
8.98	9.08	18.75	16.00	4.40	6.00	54.31	4.48	4.00	
10.20	10.42	16.94	16.50	5.88	6.50	52.11	4.45	4.00	
12.05	1.66	12.44	10.00	3.21	6.00	68.09	2.55	3.00	
14.08	1.39	10.69	10.00	2.48	5.00	68.38	2.98	1.50	
9.10	9.91	21.25	20.00	4.20	6.00	50.14	5.40	6.00	
12.83	1.49	12.38	9.00	2.55	4.00	67.75	3.00	2.00	
11.58	1.79	11.75	10.00	1.70	5.00	69.48	3.70	2.50	
11.83	1.36	11.25	10.00	2.05	5.00	71.13	2.38	2.50	
11.70	1.33	12.50	10.00	1.86	4.00	70.08	2.53	2.50	
9.88	6.88	18.50	16.50	3.88	5.00	54.11	6.75	4.00	

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
6430	St. Albans Grain Co., St. Albans, Vt. King Growing Feed containing Buttermilk	Willimantic: Willimantic Grain Co.
6431	St. Albans Grain Co., St. Albans, Vt. King Intermediate Chick Feed	Willimantic: Willimantic Grain Co.
6426	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Buttermilk	Willimantic: Willimantic Grain Co.
8007	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Cod Liver Oil —Buttermilk	Willimantic: Willimantic Grain Co.
6427	St. Albans Grain Co., St. Albans, Vt. King Scratch Feed	Willimantic: Willimantic Grain Co.
6318	St. Albans Grain Co., St. Albans, Vt. Paragon Scratch Feed	Meriden: H. Grulich
6115	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil	Branford: S. V. Osborn Estate
6111	St. Albans Grain Co., St. Albans, Vt. Wirthmore Complete Ration for Broilers with Cod Liver Oil	Branford: S. V. Osborn Estate
7887	St. Albans Grain Co., St. Albans, Vt. Wirthmore Duck Growing Feed	New Haven: R. G. Davis & Son
6119	St. Albans Grain Co., St. Albans, Vt. Wirthmore Gritless Chick Feed (Fine Chick Scratch)	Branford: S. V. Osborn Estate

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.38	7.24	18.19	15.00	5.70	6.00	53.14	5.35	4.00
12.45	1.37	12.00	10.00	1.90	3.50	69.48	2.80	2.50
10.45	9.81	21.88	19.50	5.59	7.50	47.57	4.70	4.00
10.15	9.08	22.00	19.50	4.70	7.50	48.82	5.25	4.00
12.13	1.69	11.94	10.00	2.64	5.50	68.72	2.88	2.50
12.48	1.85	12.63	10.00	2.58	5.00	67.76	2.70	2.50
10.55	6.43	18.06	17.00	3.53	5.00	56.48	4.95	4.00
10.43	7.04	17.00	16.50	4.78	4.50	54.87	5.88	4.00
10.53	7.50	18.75	17.50	4.68	4.50	53.36	5.18	4.00
12.48	1.30	12.19	10.00	1.74	3.50	69.86	2.43	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
6116	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Feed containing Buttermilk	Branford: S. V. Osborn Estate
6185	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Feed Containing Cod Liver Oil—Buttermilk	Southport: C. Buckingham & Co.
6319	St. Albans Grain Co., St. Albans, Vt. Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)	Meriden: H. Grulich
6132	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash with Buttermilk	Hamden: Ira W. Beers
6118	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash containing Cod Liver Oil—Buttermilk	Branford: S. V. Osborn Estate
6134	St. Albans Grain Co., St. Albans, Vt. Wirthmore Scratch Feed	Hamden: Ira W. Beers
7596	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing Feed	Southport: C. Buckingham & Co.
8204	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing Feed	New Haven: R. G. Davis & Sons
8158	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Starter with Cod Liver Meal and Buttermilk	Norwich: Yantic Grain & Products Co.
7663	Syracuse Milling Co., Syracuse, N. Y. Syracold Chick Feed	Southport: C. Buckingham & Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.60	6.26	16.50	15.00	4.48	6.00	56.23	4.93	4.50
15.98	7.31	17.13	15.00	5.53	6.00	48.47	5.58	4.50
12.80	1.31	11.00	10.00	1.90	3.50	70.16	2.83	2.50
10.50	9.48	20.25	20.00	4.95	7.00	50.19	4.63	4.00
9.83	9.15	21.63	20.00	5.23	7.00	49.26	4.90	4.00
12.35	1.47	12.50	10.00	2.58	4.00	68.65	2.45	2.50
11.73	6.85	15.75	18.00	4.85	6.00	56.22	4.60	4.50
10.63	7.00	17.06	18.00	5.43	6.00	54.85	5.03	4.50
9.08	8.01	18.56	20.00	4.90	5.00	54.00	5.45	4.50
13.18	1.53	12.19	10.00	1.68	5.00	68.24	3.18	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Continued)		
7692	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Starter	Saugatuck: Saugatuck Grain Co.
6181	Syracuse Milling Co., Syracuse, N. Y. Syragold Egg Mash	Bridgeport: Brooklawn Grain & Feed Co.
6182	Syracuse Milling Co., Syracuse, N. Y. Syragold Growing Mash	Bridgeport: Brooklawn Grain & Feed Co.
7609	Syracuse Milling Co., Syracuse, N. Y. Syragold Laying Mash with Buttermilk	East Bridgeport: J. Simons ...
6321	Syracuse Milling Co., Syracuse, N. Y. Syragold Scratch Grains	Kensington: A. S. Labieniec ..
6158	Thomaston Supply Co., Thomaston. Thomaston Egg Mash	Thomaston: Thomaston Supply Co.
6157	Thomaston Supply Co., Thomaston. Thomaston Scratch	Thomaston: Thomaston Supply Co.
7949	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Broilertine	Hawleyville: W. A. Honan ...
7928	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Chicatine	Hawleyville: W. A. Honan ...
6301	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Chicatine with Cod Liver Oil	Bristol: Bristol Supply Co. ...
7229	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby-E-Gee Chick Grains	Hawleyville: W. A. Honan ...
6252	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby-E-Gee Scratch Feed	Bristol: Bristol Supply Co. ...

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
10.98	7.26	22.13	18.00	4.50	4.00	50.10	5.03	3.50
10.45	6.86	20.13	18.00	6.13	8.00	51.28	5.15	3.00
10.23	8.40	18.13	16.00	3.95	7.00	54.27	5.02	4.00
9.90	9.94	18.44	18.00	7.80	9.00	49.17	4.75	3.00
12.85	1.74	12.25	10.00	2.35	5.00	68.16	2.65	2.50
9.25	13.51	19.75	20.00	6.95	7.00	45.54	5.00	4.50
12.68	1.63	12.06	10.00	2.95	5.00	67.48	3.20	3.00
10.90	5.28	16.63	14.50	4.84	6.00	58.05	4.30	3.00
10.15	7.17	21.13	18.00	5.63	6.00	50.72	5.20	3.00
9.88	7.37	21.13	18.00	5.26	6.00	50.91	5.45	3.00
11.85	1.68	11.19	10.00	1.80	3.50	69.50	3.98	3.00
11.98	1.63	12.88	9.00	2.60	4.50	68.28	2.63	2.04

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Proprietary mixed feeds—(Continued)	
6300	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Egatine	Bristol: Bristol Supply Co. ...
8235	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Egatine, with Cod Liver Oil	Hawleyville: W. A. Honan ...
7962	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Egatine Full Feed Pellets	Unionville: Lawton Miner Co.
7932	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. ... Tioga Chick and Growing Mash	Plainville: W. S. Eaton
6299	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Laying Food	Bristol: Bristol Supply Co. ...
6353	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. .. Ti-O-Ga Neverfail Chick Grains	Torrington: Litchfield County Co-op. Assoc. ...
7623	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. ... Tioga Neverfail Growing Grains	Torrington: Litchfield County Co-op. Assoc. ...
6352	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. . Ti-O-Ga Neverfail Poultry Grains	Torrington: Litchfield County Co-op. Assoc. ...
8212	F. S. Wertz & Son, Reading, Pa. Mixed Grains Intermediate for Poultry	Long Hill: Long Hill Feed Store
7938	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Egg Maker	Naugatuck: Naugatuck Fruit & Produce Co.
8213	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Egg Mash	Manchester: Little & McKinney
7939	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Scratch Grains	Naugatuck: Naugatuck Fruit & Produce Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.28	8.22	26.38	23.00	5.65	6.00	45.19	5.28	3.00
9.45	7.65	25.88	23.00	5.23	6.00	47.01	4.78	3.00
10.33	7.40	19.88	17.00	5.13	6.00	51.96	5.30	3.50
10.78	6.22	18.13	16.00	5.95	6.00	54.42	4.50	3.00
9.90	6.69	21.13	18.00	5.71	6.50	51.69	4.88	3.50
10.63	1.25	11.06	10.00	1.37	3.50	72.49	3.20	3.00
13.00	1.57	11.38	10.00	1.58	4.00	69.17	3.30	2.50
12.05	1.62	12.19	9.00	2.52	4.79	68.79	2.83	2.08
11.65	1.59	11.75	10.00	2.15	4.00	69.96	2.90	3.00
10.00	6.96	20.69	18.00	6.30	7.00	50.25	5.80	4.50
8.95	9.70	19.25	18.00	4.85	7.00	51.92	5.33	5.00
12.20	1.60	10.94	10.00	3.45	5.00	68.88	2.93	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
Proprietary mixed feeds—(Concluded)		
7972	Yantic Grain & Products Co., Norwich. Big (Y) Chick Grains	Tariffville: Tariffville Grain Co.
6446	Yantic Grain & Products Co., Norwich. Big (Y) Chick Starter	Willimantic: Boston Grain Co.
8024	Yantic Grain & Products Co., Norwich. Big (Y) Growing Feed with Cod Liver Meal	Abington: Weeks Bros.
6434	Yantic Grain & Products Co., Norwich. Big (Y) Laying Mash	Norwich: Boston Grain Co. ..
8386	Yantic Grain & Products Co., Norwich. Big (Y) Laying Mash with Cod Liver Oil	Hamden: Hamden Grain Co. ..
6435	Yantic Grain & Products Co., Norwich. Big (Y) Buttermilk Laying Mash	Willimantic: Boston Grain Co.
7934	Yantic Grain & Products Co., Norwich. Big (Y) Scratch Feed	Hamden: Hamden Grain Co. ..
7957	Yantic Grain & Products Co., Norwich. Gingham Girl Scratch Feed	Farmington: Farmington Grain Co.
8157	Yantic Grain & Products Co., Norwich. Uncas Scratch Feed	Norwich: Yantic Grain & Products Co.
Beef scraps, and other products		
8159	Apothecaries Hall Co., Waterbury. Liberty Cooked Meat Scrap for Poultry	Waterbury: Apothecaries Hall Co.
6351	C. E. Buell, Inc., Boston, Mass. "Buell Boston" Dried Skim Milk	Torrington: Litchfield County Co-op. Assoc. ..

INSPECTION OF 1931—(Continued)

Pounds per hundred								
Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
11.63	1.51	11.88	10.00	1.95	4.00	69.77	3.26	2.00
9.78	9.72	20.38	16.00	3.91	6.00	51.53	4.68	4.00
9.73	9.01	18.63	16.50	5.65	7.00	51.90	5.08	4.00
10.83	9.58	17.44	16.00	6.13	7.00	51.47	4.55	4.00
8.38	6.78	18.75	17.00	5.90	7.00	54.64	5.55	4.00
10.05	10.46	17.63	16.50	5.91	7.00	51.67	4.28	4.00
12.73	1.48	10.63	10.00	2.75	5.00	70.01	2.40	3.00
12.23	1.52	10.75	10.00	3.13	5.00	69.89	2.48	3.00
11.53	1.67	10.69	10.00	2.70	5.00	70.81	2.60	3.00
6.90	25.78	50.88	45.00	....	....	5.86	10.58	8.00
4.78	8.11	36.63	31.00	....	....	49.33	1.15 ¹	0.20

¹Roese—Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Beef scraps, and other products—(Cont'd)	
7599	C. W. Burckhalter, Inc., New York City. Burck-Brand Dried Buttermilk	Southport: C. Buckingham & Co.
7950	C. W. Burckhalter, Inc., New York City. Burck-Brand Powdered Skim Milk	Newtown: R. H. Holcomb & Co.
6122	Conn. Fat Rendering & Fertilizer Corp., West Haven. . . The Conn. Fat Rend. & Fertz. Corp. Meat Scrap	Guilford: F. H. Rolf, Inc.
7799	Consolidated By-Products Co., Philadelphia, Pa. Consolidated Beef & Bone Scrap	Plantsville: Atwater Mills
6429	Consolidated Feed & Grain Co., Buffalo, N. Y. . . . Bison Dried Skim Milk	Willimantic: Willimantic Grain Co.
7630	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry	Thomaston: Thomaston Supply Co.
6186	Dairymen's League Co-op. Assoc., Inc., New York City. Dairylea Dried Skim Milk	Plantsville: Atwater Mills ...
6307	The Dry Milk Co., New York City. Chikora Pure Skim Milk	North Haven: Ridgewood Farm
7757	Eastern Grain Co., Bridgewater, Mass. Pure Dried Skim Milk Powder	Wallingford: A. E. Hall
8198	S. T. Edwards & Co., Chicago, Ill. Butterfly Dried Skim Milk	Danielson: Young Bros. Co. ..
8194	Fairfield Western Maryland Dairy, Baltimore, Md. Skim Milk Powder	Abington: Weeks Bros.
6184	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	Southport: C. Buckingham & Co.

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
9.95	18.84	31.00	32.00	....	....	30.71	9.50 ¹	4.00
8.78	7.81	32.88	32.00	....	....	49.90	0.63 ¹	0.75
7.65	23.79	54.00	45.00	....	....	3.06	11.50	10.00
8.18	32.03	45.25	45.00	2.05	2.00	2.09	10.40	7.00
6.68	7.98	33.94	30.00	....	....	50.40	1.00 ¹	0.50
8.13	58.40	25.69	20.00	....	....	2.80	4.98	3.00
5.48	8.20	35.31	33.00	....	....	50.01	1.00 ¹	0.75
6.03	8.08	33.88	34.05	....	....	51.16	0.85 ¹	1.00
7.08	7.96	32.88	32.00	....	....	51.28	0.80 ¹	0.75
7.23	7.89	33.44	32.00	....	....	50.81	0.63 ¹	0.25
6.28	7.97	34.50	35.00	....	....	50.37	0.88 ¹	0.50
5.18	30.96	48.63	45.00	....	....	6.38	8.85	8.00

¹Roesse-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Beef scraps, and other products—(Cont'd)	
7631	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	Thomaston: Thomaston Supply Co.
7616	L. T. Frisbie Co., New Haven. Frisbie's Poultry Feed	West Cheshire: Cheshire Grain & Coal Co.
8387	L. T. Frisbie Co., New Haven Frisbie's Poultry Feed	West Cheshire: Cheshire Grain & Coal Co.
6148	Fort Schuyler Farms, Inc., Utica, N. Y. Fort Schuyler Farms Superior Quality Powdered Skim Milk	West Cheshire: Cheshire Grain & Coal Co.
6193	Gorton Pew Fisheries Co., Gloucester, Mass. Gorton's Codfish Meal	Plantsville: C. A. Cowles
6159	Hershey Creamery Co., Harrisburg, Pa. "Hershey's Superior" Powdered Skim Milk	Thomaston: Thomaston Supply Co.
7999	Henry James & Son, Inc., Springfield, Mass. Special Cooked Meat and Bone Scraps	West Willington: H. M. Hansen
7793	Land O'Lakes Creameries, Minneapolis, Minn. Dried Buttermilk	New Britain: Wm. Cohen
6447	Land O'Lakes Creameries, Minneapolis, Minn. Dried Skimmilk	Rockville: Rockville Grain & Coal Co.
7969	Lincoln Farm Products Corp., New York City... Farm Brand Meat and Bone Scraps	Tariffville: Tariffville Grain Co.
6191	Jas. F. Morse & Co., Somerville, Mass. Morse's Meat Scraps	Plantsville: C. A. Cowles
6229	Chas. W. Priddy Co., Norfolk, Va. "The Best" Fish Meal	Shelton: Wolf Savitsky

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free, extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
7.68	30.34	48.69	50.00	....	....	1.96	11.33	8.00
6.88	28.83	52.75	55.00	....	....	1.59	9.95	8.00
6.28	27.51	55.44	55.00	....	....	2.29	8.48	8.00
6.58	8.13	32.75	32.00	....	....	51.81	0.73 ¹	0.25
6.33	28.00	61.69	55.00	0.83	1.00	1.37	1.78	0.10
3.15	8.31	35.38	32.00	....	....	52.23	0.93 ¹	0.25
6.35	31.26	49.38	50.00	....	....	3.86	9.15	8.00
8.20	7.92	30.13	30.00	....	....	47.57	6.18 ¹	3.00
5.58	7.94	36.00	30.00	....	....	49.95	0.53 ¹	0.50
7.90	36.55	43.13	45.00	1.38	3.00	3.04	8.00	8.00
5.65	35.81	42.50	40.00	....	....	5.91	10.13	8.00
8.05	20.56	59.56	55.00	1.48	7.00	1.12	9.23	5.00

¹Roese-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS,

Station No.	Manufacturer and brand	Retail dealer
	Beef scraps, and other products—(Cont'd)	
7776	John Reardon & Sons Co., Cambridge, Mass. 45% Register Brand Meat and Bone Scrap	Meriden: Raymond Ives
8254	John Reardon & Sons Co., Cambridge, Mass. 55% Register Brand Meat Scraps	Westerly: C. W. Campbell Co.
6467	W. G. Slugg, Milwaukee, Wis. Slugg's Pure Dried Skim Milk Feed	Wallingford: A. E. Hall
7995	Springfield Rendering Co., Springfield, Mass. Springfield Poultry Feed	Rockville: Rockville Milling Co.
7624	John T. Stanley Co., New York City. Stanley's Meat and Bone Scrap	Torrington: Litchfield Co-op. Assoc.
8308	Swift & Co., Chicago, Ill. Swift's Meat and Bone Scrap	Long Hill: Long Hill Feed Store
8313	Swift & Co., Chicago, Ill. Swift's Poultry Bone Meal	Putnam: Dayville Grain & Coal Co.
8216	Theobald Animal By-Products Refining Co., Kearney, N. J. . . Production Brand Meat and Bone Scraps	Putnam: Dayville Grain & Coal Co.
8154	Van Iderstine Co., Long Island City, N. Y. Vico Pure Ground Meat and Bone Scraps	Moosup: Moosup Grain Co. . .
8025	Van Iderstine Co., Long Island City, N. Y. Vico Quality Meat Scraps for Poultry	Abington: Weeks Bros.
6428	Worcester Rendering Co., Auburn, Mass. P. W. Fish Meal 50%	Willimantic: Willimantic Grain Co.
8002	Worcester Rendering Co., Auburn, Mass. P. W. Meat Scrap 45%	So. Coventry: E. W. Latimer .
8001	Worcester Rendering Co., Auburn, Mass. P. W. Special Meat Scrap 55%	So. Coventry: E. W. Latimer .

INSPECTION OF 1931—(Continued)

Pounds per hundred

Water	Ash	Protein (N x 6.25)		Fiber		Nitrogen-free extract (starch, gum, etc.)	Fat	
		Found	Guaranteed, not less than	Found	Guaranteed, not more than		Found	Guaranteed, not less than
%	%	%	%	%	%	%	%	%
6.23	34.91	43.81	45.00	1.55	3.00	3.17	10.33	6.00
5.30	27.59	52.50	55.00	1.38	3.00	3.22	10.01	6.00
5.10	8.07	33.94	30.00	....	....	51.74	1.15 ¹	0.50
6.35	29.96	50.00	45.00	....	....	6.09	7.60	8.00
7.40	28.23	45.63	45.00	1.88	3.00	4.66	12.20	10.00
5.98	25.17	51.63	50.00	1.55	3.00	2.29	13.38	6.00
7.28	9.90	28.25	25.00	1.28	3.00	51.14	2.15	2.00
7.03	25.23	55.38	55.00	....	....	3.81	8.55	5.00
7.00	29.90	45.88	45.00	....	....	7.54	9.68	5.00
7.85	28.31	49.88	50.00	2.25	3.00	3.96	7.75	5.00
8.03	22.68	54.81	50.00	0.74	2.00	3.31	10.43	4.00
7.05	33.48	45.63	45.00	2.05	6.00	2.89	8.90	8.00
8.20	24.57	56.25	55.00	1.85	5.00	0.95	8.18	8.00

¹Roese—Gottlieb Method.

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal	9	4	2	4	1	7
Linseed meal	7	0	0	0	0	0
Soybean meal	1	0	0	0	0	0
Wheat bran	27	0	0	0	0	0
Wheat middlings	27	2	0	0	2	2
Wheat red dog	5	3	1	0	3	4
Wheat feed (mixed feed)	14	2	0	0	2	2
Corn gluten feed	9	0	0	0	0	0
Hominy feed	15	0	0	1	0	1
Rye products	1	0	0	0	0	0
Brewers' and distillers' grains	4	0	0	0	0	0
Dried beet pulp	6	0	0	0	0	0
Dried tomato products	1	0	0	0	0	0
Horse feed	70	9	1	7	1	9
Dairy feeds	142	28	7	5	20	32
Stock feeds	46	5	1	4	0	5
Calf feeds, etc.	16	1	0	0	1	1
Poultry feeds	301	27	5	3	21	29
Beef scraps, etc.	38	8	6	0	1	87
Total	739	89	23	24	52	99

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Allied Mills, Inc.	17	51	0	1	2	94
American Maize Products Co.	1	3	0	0	0	100
Apothecaries Hall Co.	1	3	0	0	0	100
Arcady Farms Milling Co.	11	33	0	0	2	94
Archer Daniels Midland Co.	1	3	0	0	0	100
Ashcraft-Wilkinson Co.	3	9	1	2	0	67
Bacon, E. R., Grain Co.	1	3	0	0	0	100
Bailey, E. W., & Co.	9	27	0	0	2	93
Beacon Milling Co.	21	63	0	0	0	100
Beers, Ira W.	2	6	0	0	0	100
Black Rock Milling Corp.	4	12	1	0	0	92
Blatchford Calf Meal Co.	1	3	0	0	0	100
Bridge's, A. D., & Sons, Inc.	1	3	0	1	1	33
Bristol Grain & Supply Co.	2	6	0	0	0	100
Brode, F. W., Corp.	1	3	0	0	0	100
Broder, L., Grain Store	1	3	0	0	0	100
Buckingham, C., & Co.	3	9	0	0	0	100
Buell, C. E., Inc.	1	3	0	0	0	100
Burckhalter, C. W., Inc.	2	6	1	0	0	83
Caledonia Mills, Inc.	1	3	0	0	0	100
Campbell, C. W., Co.	12	36	0	0	2	94
Canada Linseed Oil Mills, Ltd.	1	3	0	0	0	100
Chapin & Co.	9	27	0	0	0	100
Clinton Corn Syrup Refining Co.	1	3	0	0	0	100
Coles Co.	6	18	0	1	2	83
Commander-Larrabee Co.	1	3	0	0	0	100
Commander Milling Co.	1	3	0	0	0	100
Conkey, G. E., Co.	10	30	0	0	1	97
Conn. Fat Rendering & Fertilizer Corp.	1	3	0	0	0	100
Consolidated By-Product Co.	1	3	0	0	0	100
Consolidated Feed & Grain Co.	1	3	0	0	0	100
Consolidated Rendering Co.	1	3	0	0	0	100
Copeland Flour Mills, Ltd.	2	6	0	0	0	100
Corn Products Refining Co.	2	6	0	0	0	100
Cowles, C. A.	4	12	0	0	1	92
Cox, Chas. M., Co.	5	15	0	0	0	100
Crosby Milling Co.	3	9	0	0	0	100
Cutler, P., Inc.	5	15	0	0	0	100
Dairymen's League Co-op. Assoc., Inc.	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Continued)

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Davis, R. G., & Sons	7	21	0	0	0	100
Decatur Milling Co.	1	3	0	0	0	100
Delaware Mills, Inc.	11	33	0	1	1	94
Denver Alfalfa Milling & Products Co.	2	6	1	0	0	83
Dietrich & Gambrill, Inc.	9	27	0	0	2	93
Dominion Flour Mills, Ltd.	1	3	0	0	0	100
Dry Milk Co., Inc.	1	3	0	0	0	100
Dunn, Arthur G.	2	6	0	0	0	100
Eastern Grain Co.	1	3	0	0	0	100
Eastern States Farmers' Exchange	19	57	0	0	0	100
Eckhart, B. A., Milling Co.	2	6	0	0	0	100
Edwards, S. T., & Co., Inc.	1	3	0	0	0	100
Elmore Milling Co., Inc.	16	48	0	0	4	92
Eshelman, John W., & Sons	27	81	0	2	2	95
Evans Milling Co.	1	3	0	1	0	67
Fairfield Western Maryland Dairy	1	3	0	0	0	100
Farmers' Feed Co.	1	3	0	0	0	100
Flory Milling Co.	9	27	0	1	1	93
Forrest, J. A.	1	3	0	1	0	67
Fort Schuyler Farms, Inc.	1	3	0	0	0	100
Frisbie, L. T., Co.	4	12	2	0	0	83
Garland, J. B., & Son	4	12	0	0	0	100
General Mills, Inc.	8	24	0	0	0	100
Gorton-Pew Fisheries Co., Ltd.	1	3	0	0	0	100
Grandin, D. H., Milling Co.	11	33	0	0	0	100
Great Atlantic & Pacific Tea Co.	2	6	0	0	0	100
Hales & Hunter Co.	8	24	1	0	0	96
Ham, Frank B., & Co., Ltd.	2	6	0	0	0	100
Hamilton, Wm., & Son, Inc.	1	3	0	0	0	100
Hecker-Jones-Jewell Milling Co.	3	9	0	0	0	100
Hershey Creamery Co.	1	3	0	0	0	100
Humphreys-Godwin Co.	2	6	0	0	0	100
Imperial Grain & Milling Co.	2	6	0	1	0	83
International Milling Co.	3	9	1	0	1	78
James, Henry, & Son, Inc.	1	3	0	0	0	100
Kansas Flour Mills Corp.	1	3	0	0	0	100
Kellogg Co.	1	3	0	0	0	100
Kellogg, Spencer, & Sons	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Continued)

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Kelloggs & Miller, Inc.	2	6	0	0	0	100
King, H. H., Flour Mills Co.	1	3	0	0	0	100
Krause, Charles A., Milling Co.	1	3	0	0	0	100
Labieniec, A. S.	1	3	0	0	0	100
Laden Bros. Co., Inc.	4	12	0	0	0	100
Lamar Alfalfa Milling Co.	1	3	0	0	0	100
Land O'Lakes Creameries, Inc.	2	6	0	0	0	100
Larrabee Flour Mills Co.	2	6	0	0	0	100
Larrowe Milling Co.	14	42	0	0	0	100
Lincoln Farm Products Co.	1	3	1	0	0	67
Lines, C. W., Co.	5	15	0	0	3	80
Long Hill Feed Store	2	6	0	1	1	67
Lovitt, L. B., & Co.	3	9	1	2	1	56
Manchester, E., & Sons	9	27	0	1	0	96
Mann Bros. Co.	1	3	0	0	0	100
Maritime Milling Co., Inc.	10	30	0	0	0	100
Martenis, C. J., Grain Co.	4	12	0	0	0	100
Meador Milling Co.	2	6	0	0	0	100
Meech & Stoddard, Inc.	13	39	1	0	4	87
Mennel Milling Co.	6	18	2	0	0	89
Miller Cereal Mills	1	3	0	0	0	100
Miner-Hillard Milling Co.	2	6	0	0	0	100
Moon, Geo. Q., & Co., Inc.	11	33	0	0	2	94
Moran-Patton Co.	1	3	0	1	0	67
Morse, Fred C., & Son	10	30	0	0	0	100
Morse, James F., & Co.	1	3	0	0	0	100
Mt. Vernon Milling Co.	1	3	0	0	0	100
National Feed Co.	1	3	0	0	0	100
Niagara Falls Milling Co.	3	9	0	0	1	89
Northwestern Consolidated Milling Co.	2	6	0	0	0	100
Nowak Milling Corp.	5	15	0	0	0	100
Ogilvie Flour Mills Co., Ltd.	2	6	0	0	0	100
Ontario Milling Co., Inc.	15	45	0	0	1	98
Osborn, S. V., Estate	3	9	0	0	0	100
Park & Pollard Co., Inc.	29	87	0	1	1	98
Patent Cereals Co.	1	3	0	0	0	100
Pecos Valley Alfalfa Mill Co.	1	3	0	0	0	100
Penick & Ford, Ltd.	2	6	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS
(Concluded)

Manufacturer or jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Pillsbury Flour Mills Co.	6	18	0	0	0	100
Platt, Frank S., Co.	2	6	0	0	0	100
Postum Co., Inc.	1	3	0	0	0	100
Pratt Food Co.	15	45	0	0	0	100
Priddy, Charles W., & Co., Inc.	1	3	0	0	0	100
Puffer, H. C., Co.	6	18	0	0	0	100
Quaker Oats Co.	24	72	0	0	1	99
Ralston Purina Co.	29	87	0	0	0	100
Reardon, John, & Sons Co.	2	6	2	0	0	67
Red Wing Milling Co.	1	3	0	0	0	100
Robin Hood Mills, Ltd.	2	6	0	0	0	100
Ronck & Bevis Co.	1	3	0	0	0	100
Russell Miller Milling Co.	3	9	0	0	0	100
Savitsky, Wolf	3	9	1	0	0	89
Seymour Grain & Coal Co.	8	24	0	0	2	91
Shelton Feed Co., Inc.	1	3	0	0	0	100
Slugg, W. G.	1	3	0	0	0	100
Sovitsky, Ike	4	12	0	1	2	75
Springfield Rendering Co.	1	3	0	0	1	67
Staley, A. E., Mfg. Co.	2	6	0	0	0	100
Stanley, John T., Co.	1	3	0	0	0	100
St. Albans Grain Co.	50	150	6	3	1	93
St. Lawrence Flour Mills Co., Ltd.	1	3	0	0	0	100
Stickell, D. A., & Sons, Inc.	3	9	0	0	0	100
Swift & Co.	2	6	0	0	0	100
Syracuse Milling Co.	12	36	0	0	1	97
Theobald Animal By-Products Refining Co. ..	1	3	0	0	0	100
Thomaston Supply Co.	3	9	0	0	1	89
Tioga-Empire Feed Mills, Inc.	20	60	0	0	0	100
Union Sales Corp.	1	3	0	0	0	100
Upper Hudson Rye Flour Mills	1	3	0	0	0	100
Van Iderstine Co.	2	6	0	0	0	100
Wertz, F. S., & Son	2	6	0	0	0	100
West Bay City Sugar Co.	1	3	0	0	0	100
West-Nesbitt, Inc.	5	15	0	0	1	93
Worcester Rendering Co.	3	9	0	0	0	100
Yantic Grain & Products Co.	22	66	1	2	4	89
Totals	739	2217	23	24	52	96

MISCELLANEOUS

Seventy-seven samples submitted by individuals for the usual analyses or to be examined for poisons need no detailed discussion.

The loss of poultry, particularly young chicks, often prompted the poultryman to submit samples of feed for analysis. Seldom will chemical analysis or microscopic examination serve to explain the losses sustained. Mortality is more likely due to epidemic diseases in the flock than to poisonous ingredients in the feed.

In the case of stock, a change from one feed to another will often result in temporary refusal of animals to eat the new feed. Shortly, however, animals accustom themselves to the changed ration. Such appears to be the explanation in many cases of suspected feed samples submitted.

Occasionally definite findings can be reported in cases of viscera of stock or poultry sent to us. These are such substances as arsenic, phosphorous, lead, copper or cyanides and suggest access of the animals to rat poisons or insectides either by accident or carelessness or perhaps, in some cases, through malicious intent.



INDEX

E. T. Allen Co., Atlanta, Ga.	
Empire—High Grade Cottonseed Meal	291
Allied Mills, Inc., Chicago, Ill.	
Amco Egg Mash	291
Amco 20% Dairy Ration	291, 348
Amco 24% Dairy Ration	291, 348
Amco 12% Fitting Ration	291
Amco Growing Mash with Meat Scraps	291
Amco 20% National Dairy Ration	291, 348
Amco 16½% Sucrene Dairy Ration	291, 348
Amco Super Egg Mash	291
Amco Starting and Growing Mash	291
Arab Horse Feed	291
Brewers' Dried Grains	291
Corn and Oats Provender	291
Emergency 20% Dairy Ration	291
Emergency Hog Feed	291, 380
June Pasture	291, 336
Screened Cracked Corn	291
Sucrene All Mash Poultry Feed	291
Sucrene All Mash Poultry Feed with Cod Liver Oil...	291, 382
Sucrene Egg Mash	291
Sucrene Scratch Feed	291
Wayne All Mash Chick Starter	291, 382
Wayne All Mash Chick Starter with Cod Liver Oil ..	291
Wayne All Mash Grower	291, 382
Wayne All Mash Grower with Cod Liver Oil	291
Wayne Broiler Ration	291
Wayne Calf Meal	291
Wayne Chick Feed	291
Wayne Egg Mash	291, 384
Wayne Egg Mash with Cod Liver Oil	291, 384
Wayne Hog Meal	291
Wayne Intermediate Scratch Feed	291
Wayne Pig Meal	291
Wayne Poultry Fattener	291, 384
Wayne Scratch Feed	291, 384
Wayne Special Scratch Feed	291, 384
Wayne 20% Sucrene Dairy Feed	291, 350
Wayne Supreme Horse Feed	291, 338
Wayne Turkey Mash	291, 384
American Maize-Products Co., 100 East 42nd St., New York City.	
Cream of Corn Gluten Feed	291, 330
Analyses, explanation of terms used in	280
Analyses of official samples	316
Apothecaries Hall Co., Waterbury, Conn.	
Liberty Cooked Meat Scrap for Poultry 45%	291, 434
Liberty Cooked Meat Scrap for Poultry 60%	291
Arcady Farms Milling Co., 223 West Jackson Blvd., Chicago, Ill.	
Advanced Registry Dairy Feed	292, 350
Arcady Besbet Growing Mash	292, 384

	Page
Arcady Besbet Laying Mash	292, 384
Arcady Scratch Grains	292, 384
Milkers Ready Ration	292, 350
Old Colony Feed	292, 350
Peerless Milk Ration	292, 350
Sweet 16 Dairy Feed	292, 350
Wonder Complete Broiler Ration	292, 384
Wonder Dairy Ration	292
Wonder Horse and Mule Feed	292, 338
Wonder Sweet Lasses Feed	292, 338
Archer-Daniels-Midland Co., Minneapolis, Minn.	
Pure Old Process Linseed Meal 32%	292
Pure Old Process Linseed Meal 34%	292, 316
Ashcraft-Wilkinson Co., Atlanta, Ga.	
Helmet Brand Prime Cottonseed Meal	292, 316
Monarch Brand Prime Cottonseed Meal	292, 316
Paramount Brand Prime Cottonseed Meal	292, 316
E. R. Bacon Grain Co., 205 Grain & Flour Exchange, Boston, Mass.	
Bacon's Gluten Feed	292, 332
E. W. Bailey & Co., Montpelier, Vt.	
Bailey's Fitting Ration	292, 372
Bailey's Open Formula 20% Dairy Feed	292
Bailey's Open Formula 24% Dairy Feed	292
Capital Dairy Ration	292, 350
Capital Mixed Feed	292
Favorite Dairy Ration	292, 350
"Our Own" Dairy Ration	292
"Our Own" Dairy Ration, Sweetened	292
Pennant Brand Laying Mash	292, 384
Pennant Brand Stock Feed	292, 372
Pennant Horse Feed	292, 338
Pennant Scratch Feed	292, 384
Sweetened Bailey's Fitting Ration	292
Sweetened Capital Dairy Ration	292, 350
Sweetened Favorite Dairy Ration	292, 350
Sweetened with Molasses Pennant Brand Stock Feed...	292
Bay State Milling Co., Winona, Minn.	
Wingold Diamond G Pure Hard Wheat Reddog	292
Wingold Rye Middlings and Rye Screenings	292
Wingold Standard Hard Wheat Middlings and Wheat Screenings	292
Beacon Milling Co. Inc., Cayuga, N. Y.	
Auburn Dairy Feed	292, 350
Beacon Breeders Mash with Buttermilk	292
Beacon Broiler Feed	292, 386
Beacon Calf Meal	292, 380
Beacon's Cayuga Developer Feed	292, 386
Beacon's Cayuga Growing Mash	292, 386
Beacon's Cayuga Horse Feed	292, 338
Beacon's Cayuga Laying Mash with Buttermilk	292, 386
Beacon's Cayuga Scratch Feed	293, 386
Beacon Chick Feed	293, 386
Beacon Complete Starting Ration	293, 386
Beacon Dairy Ration	293, 350
Beacon Developer Feed	293

	Page
Beacon Duck Breeders Mash	293
Beacon Duck Growing Mash	293, 386
Beacon Duck Starter	293
Beacon Egg Mash with Buttermilk	293, 386
Beacon Fitting Ration	293
Beacon Growing Mash	293, 386
Beacon Fleshing Mash and Crate Fattener	293
Beacon Hog Feed	293
Beacon Horse Feed	293, 338
Beacon Scratch Grains	293
Beacon Special Coccidiosis Mash	293, 386
Beacon Special Scratch Grains	293, 386
Beacon Sweet '24'	293, 352
Beacon '32'	293
Beacon '20'	293, 352
Beacon Turkey Growing Feed	293, 388
Cayuga Stock Feed	293, 372
Corn and Oat Chop	293
Ira W. Beers, Hamden, Conn.	
Beer's Laying Mash	293, 388
Beer's Scratch Feed	293, 388
Black Rock Milling Corp., 356 Hertel Ave., Buffalo, N. Y.	
Bidwell 20% Dairy Ration	293, 352
Bidwell 24% Dairy Ration	293, 352
Bidwell Dry-Mash	293, 388
Bidwell Scratch Feed	293, 388
Blatchford Calf Meal Co., Waukegan, Ill.	
Blatchford's Calf Meal	293, 380
Borden Sales Co., Inc., 350 Madison Ave., New York City.	
Borden's Anilac	293
A. D. Bridge's Sons, Inc., Hazardville, Conn.	
Success Dairy Ration	293, 352
Bristol Grain & Supply Co., Bristol, Conn.	
Bristol Laying Mash	293, 388
Bristol Scratch	293, 388
F. W. Brode Corp., Memphis, Tenn.	
Owl Brand 41% Prime Cottonseed Meal	293, 316
L. Broder Grain Store, Colchester, Conn.	
L. B. Milk Ration	293, 352
Brooklawn Feed Co., Bridgeport, Conn.	
Brooklawn Special Scratch Feed (See Delaware Mills, Inc.)	293, 394
Brown & Bailey Condensed Milk Co., Nevins & Butler Sts., Brooklyn, N. Y.	
Betsy-B Brand Powdered Skim Milk	293
C. Buckingham & Co., Southport, Conn.	
C. B. Dairy	294, 352
C. B. Egg Mash	294
C. B. Growing Mash	294
C. B. Scratch Feed	294, 388
C. B. Starter	294, 388
C. E. Buell, Inc., 131 State St., Boston, Mass.	
"Buell-Boston" Dried Skim Milk	294, 434

	Page
C. W. Burckhalter, Inc., 119 Broad St., New York City	
Burck-Brand Dried Buttermilk	294, 436
Burck-Brand Powdered Skim Milk	294, 436
Caledonia Mills, Inc., St. Johnsbury, Vt.	
Brooks' Fancy Mixed Feed	294, 328
C. W. Campbell Co., Westerly, R. I.	
Camco Horse Feed	294, 338
Campbell Fitting Ration	294, 372
Egg-O Chick Feed	294, 388
Egg-O Chick Starter	294, 388
Egg-O Growing	294, 388
Egg-O Intermediate	294, 390
Egg-O Mash	294, 390
Egg-O Scratch	294, 390
Milky Ration	294, 352
No-Botheration Dairy Ration	294, 352
Xtra Vim Molasses Horse Feed	294, 338
Canada Linseed Oil Mills, Ltd., Montreal and Toronto, Canada.	
"Maple Leaf" 35.00 Linseed Oil-cake Meal	294, 316
Chapin & Co., Hammond, Ind.	
Ajax Egg Mash	294, 390
Ajax Dairy Ration 24%	294, 352
Ajax Horse Feed	294, 338
Ajax Scratch Feed	294, 390
Chapin Kernels Grow-All	294, 390
Chapin Kernels Lay-All	294, 390
Chapin Kernels Start-All	294, 390
Unicorn Dairy Ration 20%	294, 352
Unicorn Dairy Ration 24%	294, 354
Unicorn Scratch Feed	294
Clinton Corn Syrup Refining Co., Clinton, Iowa.	
Clinton Corn Gluten Feed	294, 332
Coles Co., Middletown, Conn.	
Capital 20% Molasses Dairy Feed	294, 354
Fortune Egg Mash with Dried Buttermilk	294, 390
Fortune Growing Feed	294, 390
Fortune Intermediate Scratch	294, 390
Fortune Scratch Feed	294, 390
Selco 24% Molasses Dairy Feed	294, 354
Collis Products Co., 201 Custer St., St. Paul, Minn.	
Collis Process Pure Dried Buttermilk	294
Commander-Larrabee Co., Minneapolis, Minn.	
Sunfed Wheat Standard Middlings	295, 322
Commander Milling Co., Minneapolis, Minn.	
Commander Wheat Bran	295, 318
G E. Conkey Co., Cleveland, Ohio.	
Conkey's All Grain Horse and Mule Feed	295
Conkey's All Mash Chick Ration with Y-O	295, 392
Conkey's Chick Grains	295
Conkey's Dairy Feed 24% Protein	295, 354
Conkey's Gecco Chick Grains	295, 392
Conkey's Gecco Dairy Feed 20% Protein	295
Conkey's Gecco Egg Mash	295
Conkey's Gecco Egg Mash with Y-O	295, 392

	Page
Conkey's Gecco Growing Grains	295, 392
Conkey's Gecco Growing Mash	295, 392
Conkey's Gecco Growing Mash with Buttermilk and Y-O	295, 392
Conkey's Gecco Scratch Grains	295, 392
Conkey's Geccofat Station Fattener	295
Conkey's Growing Grains	295
Conkey's Horse Feed with Alfalfa and Molasses	295
Conkey's Red Seal Dairy Feed 16% Protein	295
Conkey's Red Seal Laying Mash	295, 392
Conkey's Red Seal Scratch Grains	295
Conkey's Scratch Grains	295
Conkey's (The Original) Starting Feed with Buttermilk and Y-O	295, 392
Superior Scratch Grains	295
Connecticut Fat Rendering & Fertilizer Corp., West Haven, Conn.	
The Connecticut Fat Rendering & Fertilizer Corp. Meat Scrap	295, 436
Consolidated By-Product Co., 30th and Race Sts., Phila- delphia, Pa.	
Consolidated Beef and Bone Scrap	295, 436
Consolidated Feed & Grain Co., Inc., 910-916 Chamber of Commerce Bldg., Buffalo, N. Y.	
Bison Dried Skimmilk	295, 436
Consolidated Products Co., 2400 Lake Park Ave., Chicago, Ill.	
Pure Dried Buttermilk	295
Pure Dried Skim Milk	295
Consolidated Rendering Co., Boston, Mass.	
Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry	295, 436
Copeland Flour Mills, Ltd., Midland, Ont.	
Copeland's Dandy Bran	295, 318
Copeland's Dandy Shorts	295, 322
Corn Products Refining Co., 17 Battery Place, New York City.	
Buffalo Corn Gluten Feed	295, 332
Diamond Corn Gluten Meal	295, 332
C. A. Cowles, Plantsville, Conn.	
C. A. Blue Seal Mash	295, 392
C. A. Cowles 20% Dairy Ration	295, 354
Cowles' 24% Dairy Ration	295, 354
Cowles' Scratch Feed	295, 392
Chas. M. Cox Co., Boston, Mass.	
Argentine Wheat Bran	296, 318
Argentine Wheat Standard Middlings	296
Lake Woods Wheat Bran	296, 318
Lake Woods Shorts	296, 322
Pioneer Wheat Bran	296, 318
Pioneer Wheat Shorts (Western Canada Flour Mills, Ltd., Toronto, Ont.)	296, 324
Sherwin-Williams Screwpress Linseed Oil Cake Meal (Sherwin-Williams Co., Ltd., Canada)	296
Crosby Milling Co., Brattleboro, Vt.	
Crosby's Balanced 25 Ration	296
Crosby's Egg Mash	296, 394

	Page
Crosby's Growing Feed	296
Crosby's Mixed Feed	296
Crosby's Ready Ration	296
Crosby's Scratch Feed	296, 394
Crosby's Stock Feed	296, 372
Crosby's Sweetened Ready Ration	296
Crosby's 22% Dairy Feed	296
P. Cutler, Inc., Colchester, Conn.	
Prosperity Dairy Ration	296, 354
Prosperity Laying Mash	296, 394
Prosperity Scratch Feed	296, 394
Prosperity Special Dairy Feed	296, 354
Prosperity Stock Feed	296, 372
Dairymen's League Co-Operative Association, Inc., 11 West 42nd St., New York City.	
Dairylea Dried Skim Milk	296, 436
R. G. Davis & Sons, Inc., New Haven, Conn.	
Basic Dairy Ration	296, 354
Davis Buttermilk Mash	296, 394
Davis Horse Feed	296, 338
Davis #1 Provender	296, 338
Davis Scratch Feed	296, 394
Davis Stock Feed	296, 374
20% Open Formula	296, 354
Decatur Milling Co., Decatur, Ill.	
Homco Brand Hominy Feed	296, 332
Delaware Mills, Inc., Deposit, N. Y.	
Brooklawn Special Scratch Feed	296, 394
Delaware Broiler Mash	296, 394
Delaware Chick Grains	296, 394
Delaware Dairy Feed	296, 354
Delaware Growing Mash (with Dried Milk)	296, 394
Delaware Stock Feed	296, 374
Delaware Sweet 24% Dairy Feed	296, 354
Delco 20% Dairy Feed	296, 356
Double Circle Scratch Grains	296, 394
Indian Laying Mash (with Dried Milk)	296, 394
New York Feed & Grain Special Dairy Feed	296, 356
Denver Alfalfa Milling & Products Co., Lamar, Colo.	
Alfalfa Leaf Meal	297, 340
Alfalfa Meal	297, 338
Dewey Bros. Co., Blanchester, Ohio.	
Corn 3D (Dewey's Distillers Dried) Grains	297
Dietrich & Gambrill, Inc., Frederick, Md.	
Canton Scratch Feed	297
Corn and Oats Chop	297
Frederick Growing Mash	297, 396
Frederick Laying Mash	297, 396
Gambrill's A. I. Dairy	297, 356
Gambrill's Chick Feed	297
Gambrill's Chick Starter	297
Gambrill's Developing Scratch Feed	297, 396
Gambrill's Growing Mash	297
Gambrill's Horse Feed	297, 340
Gambrill's Laying Mash	297, 396

	Page
Gambrill's Scratch Feed	297, 396
Gambrill's Stock Feed	297, 374
Pen Mar Dairy Feed	297, 356
Dominion Flour Mills, Ltd., Montreal, Que.	
Dominion Shorts	297, 324
Dry Milk Company, Inc., 205 East 42nd St., New York City.	
Chikora Pure Skim Milk	297, 436
Arthur G. Dunn, 82 Wall St., New York City.	
Argentine Wheat Bran	297, 318
Argentine Wheat Middlings	297, 324
Early & Daniel Co., Inc., Cincinnati, Ohio.	
Tuxedo Soy Bean Oil Meal	297
Eastern Cotton Oil Co., 600 Board of Trade Bldg., Norfolk, Va.	
Eastern Fish Meal	297
Eastern Grain Co., Bridgewater, Mass.	
Pure Dried Skim Milk Powder	297, 436
Eastern States Farmers' Exchange, Springfield, Mass.	
Eastern States Broiler Ration	297, 396
Eastern States Broiler Ration with Cod Liver Oil...	297, 396
Eastern States Calf Ration ¹	297, 380
Eastern States Developer	297, 396
Eastern States Developer with Cod Liver Oil	297, 396
Eastern States Egg Mash	297, 396
Eastern States Fitting Ration	297, 374
Eastern States Fulpail Dairy Ration	297, 356
Eastern States Highland 12	297, 340
Eastern States Highland 20	297, 356
Eastern States Horse Feed ¹	297, 340
Eastern States Milk Egg Mash with Cod Liver Oil...	297, 396
Eastern States Milkmore Dairy Ration	298, 356
Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$ by weight.	298, 340
Eastern States Scratch Grains with Coarse Cracked Corn	298, 398
Eastern States Sixteen Dairy Ration	298, 356
Eastern States Starting and Growing Mash with Cod Liver Oil	298, 398
Eastern States Turkey Grow	298, 398
Eastern States Turkey Start	298, 398
B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago, Ill.	
Standard Wheat Middlings and Screenings	298, 324
Wheat Bran and Screenings	298, 320
S. T. Edwards & Co. Inc., 110 North Franklin St., Chicago, Ill.	
Butterfly Dried Skimmed Milk (for animal and poultry feed)	298, 436
Yankee Dried Buttermilk (for animal and poultry feed)	298
Elmore Milling Co. Inc., Oneonta, N. Y.	
Economilk Dairy Feed	298, 356
Elmore Chick Feed	298, 398
Elmore Chixsaver	298, 398
Elmore Egg Mash	298, 398
Elmore Fitting Ration	298

¹Eastern States Horse Feed and Eastern States Calf Ration were later combined in one formula.

	Page
Elmore Growing Mash	298, 398
Elmore's Hog Ration	298
Elmore Horse Feed with Molasses	298, 340
Elmore (Storrs' Formula) Laying Mash	298, 398
Elmore's Makemgrow Little Pig Ration	298
Elmore Milk Grains	298, 398
Elmore Milk Grains, Junior	298, 398
Elmore Pure Ground Corn and Oats	298
Elmore Scratch Feed	298, 400
Elmore Snow Middlings	298
Elmore Stock Feed	298, 374
Elmore's Sugared Feedall	298, 374
Elmore's Super Silage	298
Elmore Sweet Digesto Dairy Feed	298, 356
Elmore "Three Point" Calf Meal	298, 380
Emco Feed	298, 356
Granger Ration	298
Otsego Economy Ration	298, 356
Elmore-Waldorf Formula	298
Elmore's "Xtragoood" Wheat Feed	298
John W. Eshelman & Sons, Lancaster, Pa.	
Dried Beet Pulp	298, 336
Eshelman Certified 20% Dairy Ration	298
Eshelman Certified 24% Dairy Ration	298, 358
Eshelman Certified Fitting Ration	298, 374
Eshelman Certified Laying Mash	298, 400
Eshelman Challenge Dairy Feed	298, 358
Eshelman Choice Mixed Wheat Feed	298
Eshelman Conestoga 20 Dairy Feed	298, 358
Eshelman Golden Rod 25 Dairy Feed	298
Eshelman Imperial Scratch Feed	298
Eshelman Lancaster 20 Dairy Feed	298, 358
Eshelman Lancaster 60 Horse Feed	298, 340
Eshelman Lancaster Scratch Feed	298
Eshelman Liberty Horse Feed	299, 340
Eshelman Open Formula 20 Dairy Feed	299, 358
Eshelman's Pennsy 16 Dairy Feed	299, 358
Eshelman Pennsy Scratch Feed	299, 400
Eshelman Red Rose Calf Starter	299, 380
Eshelman Red Rose Chick Feed	299, 400
Eshelman Red Rose Chick Starter	299, 400
Eshelman Red Rose 24 Dairy Feed	299, 358
Eshelman Red Rose Fattening Mash	299, 400
Eshelman Red Rose Growing Mash	299, 400
Eshelman Red Rose Hog Meal	299, 380
Eshelman Red Rose 85 Horse Feed	299, 340
Eshelman Red Rose Laying Mash	299, 400
Eshelman Red Rose Pure Ground Corn and Oats	299
Eshelman Red Rose Scratch Feed	299, 400
Eshelman Red Rose Stock Feed	299, 374
Eshelman S-O-S	299, 374
Eshelman Steamed-Cooked Horse Feed	299, 340
Eshelman Wheat Flour Middlings	299, 324
Eshelman Wheat Red Dog	299, 328
Evans Milling Co., Indianapolis, Ind.	
Emco Hominy Feed	299, 332

	Page
Fairfield Western Maryland Dairy, Baltimore, Md.	
Feed-O-Lac	299
Skim Milk Powder	299, 436
Fairmont Creamery Co., Omaha, Neb.	
Fairmont's Better Pure Flake Buttermilk	299
Farmers' Feed Co., 532 East 76th St., New York City.	
"Bull Brand" Dried Brewers Grains	299, 334
Feed Law, the	279
Feeding Stuffs, definitions of	281
Inspection of	315
Flory Milling Co., Inc., Bangor, Pa.	
Blue Mountain Horse Feed	299, 340
Butterfat Dairy Feed	299
Cream-O-Milk Dairy Feed	299
Flory's All Mash Starting and Growing Ration	299
Flory's Baby Chick Feed	299
Flory's Certified Fitting Ration	299, 374
Flory's Chick Starter	299
Flory's Dairy Feed	299
Flory's Egg Mash	299, 400
Flory's Growing Mash	299
Flory's Horse Feed	299, 340
Flory's Intermediate Chick Feed	299
Flory's Scratch Feed	299, 400
Golden Egg Laying Mash	299, 400
Golden Egg Scratch Feed	299
Record Dairy Feed	299, 358
Record Stock Feed	299, 374
Sunray Scratch Feed	299, 402
F. A. Forbes, East Haven, Conn.	
R-Own Dairy Ration	299
R-Own Mash	299
R-Own Scratch Feed	299
J. A. Forrest, 819 Security Bldg., Minneapolis, Minn.	
Alpine Ground Feeding Oatmeal	300, 342
Fort Schuyler Farms, Inc., 49 Franklin Square, Utica, N. Y.	
Fort Schuyler Farms Superior Quality Powdered Skim Milk	300, 438
R. T. Friend, Lafayette, Ind.	
Dry Skimmilk	300
L. T. Frisbie Co., New Haven, Conn.	
Frisbie's Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry	300
Frisbie's Poultry Feed 45%	300, 436
Frisbie's Poultry Feed 50%	300, 438
Frisbie's Poultry Feed 55%	300, 438
J. B. Garland & Son, 15 Grafton St., Worcester, Mass.	
Garland's Growing Mash	300, 402
Garland's Poultry Mash	300, 402
Royal Worcester Complete Ration	300, 358
Royal Worcester Scratch Feed	300, 402
General Mills, Inc., Minneapolis, Minn.	
Eventually Gold Medal Chick Feed—No Grit	300
Eventually Gold Medal Chick Ration	300, 402
Eventually Gold Medal Dairy Ration	300, 358

	Page
Eventually Gold Medal Developing Feed—No Grit....	300
Eventually Gold Medal Egg Mash for Breeding and Laying	300, 402
Eventually Gold Medal Growing Mash	300
Eventually Gold Medal Pig and Hog Meal	300
Eventually Gold Medal Scratch Feed—No Grit	300
Washburn's Gold Medal Fancy Mixed Feed	300, 328
Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings	300, 320
Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings.....	300, 324
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings	300, 324
Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog	300, 328
Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.	
Gorton's Codfish Meal	300, 438
D. H. Grandin Milling Co., Jamestown, N. Y.	
Grandin's Baby Chick Feed	300, 402
Grandin's Baby Chick Starter with Buttermilk	300, 402
Grandin's Baby Chick Starter with Buttermilk-Cod Liver Oil	300, 402
Grandin's Complete Starting Ration with Buttermilk-Cod Liver Oil	300, 402
Grandin's Growing Mash with Buttermilk	300, 402
Grandin's Growing Mash with Buttermilk - Cod Liver Oil	300
Grandin's Intermediate Chick Feed	300, 404
Grandin's Laying Mash with Buttermilk	300, 404
Grandin's Screened Scratch Feed	300, 404
Grandin's Stock Food	300, 374
Grandin's Sweetened 20% Dairy Feed	300, 358
Grandin's Sweetened 24% Dairy Feed	300
Grandin's Sweetened Horse Feed	300
M-S (Money-Saver) 20% Sweet Dairy Feed	300, 358
M-S (Money-Saver) 24% Sweet Dairy Feed	300
Great Atlantic & Pacific Tea Co., 504 Hodgson Bldg., Minneapolis, Minn.	
Daily Egg Mash Feed	301, 404
Daily Egg Scratch Feed	301, 404
Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.	
College Horse Feed	301, 342
H. & H. Sugared Stock Feed	301, 374
Red Comb Chick Starter with Dried Buttermilk.....	301, 404
Red Comb Duck Grower	301, 404
Red Comb Duck Starter with Dried Buttermilk	301, 404
Red Comb Egg Mash with Dried Buttermilk	301, 404
Red Comb Growing Mash with Dried Buttermilk	301, 404
Red Comb Scratch Feed, No Grit	301, 404
Frank B. Ham & Co. Ltd., Toronto, Ont.	
Hamco Wheat Bran	301, 320
Hamco Wheat Shorts	301, 324
William Hamilton & Son, Inc., Caledonia, Livingston County, N. Y.	
Wheat Bran with Ground Screenings	301, 320
Wheat Middlings	301

	Page
Hecker-H-O Co. Inc., Buffalo, N. Y.	
Oat Mill Feed	301
Hecker-Jones-Jewell Milling Co., 503 Seneca St., Buffalo, N. Y.	
Choice Wheat Bran	301, 320
Red Dog Flour	301, 328
Wheat Standard Middlings	301, 324
Hershey Creamery Co., Harrisburg, Pa.	
"Chick-O-Lac"	301
"Hershey's Superior" Powdered Skim Milk	301, 438
Hubinger Co., Keokuk, Iowa.	
Ke OK uk Corn Gluten Feed	301
Humphreys-Godwin Co., Memphis, Tenn.	
Bull Brand Cottonseed Meal	301, 316
Danish Brand Cottonseed Feed	301
Dixie Brand Cottonseed Meal	301, 316
Imperial Grain & Milling Co., Toledo, Ohio.	
Imperial Steam Cooked Feed	301, 342
International Milling Co., Minneapolis, Minn.	
Blackhawk Pure Wheat Bran	301, 320
Blackhawk Wheat Flour Middlings	301
Blackhawk Wheat Red Dog	301, 328
Blackhawk Wheat Standard Middlings	301, 324
Henry James & Son, Inc., 20 Stockbridge St., Springfield, Mass.	
Cooked Meat and Bone Scrap	301
Special Cooked Meat and Bone Scraps	301, 438
Jersee Co., Minneapolis, Minn.	
Just Right Chick Starter	301
Just Right Egg Mash	301
Just Right Growing Mash	301
Kansas Flour Mills Corp., 1000 New York Life Bldg., Kansas City, Mo.	
Big Flake Pure Wheat Bran	302, 320
Kellogg Co., Battle Creek, Mich.	
White Hominy Feed	302, 332
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.	
Kellogg's 37% Protein Pure Old Process Linseed Meal	302, 318
Kelloggs & Miller, Inc., Amsterdam, N. Y.	
"K & M" Brand Pure Old Process Linseed Oil Meal	302, 316, 318
Kent Dairy Products Corp., Inc., West Plains, Mo.	
Kent Dairy Products Corporation Skim Milk Powder	302
H. H. King Flour Mills Co., Minneapolis, Minn.	
"Gold Mine" Feed	302, 328
Kraft-Phenix Cheese Corp., 400 Rush St., Chicago, Ill.	
Milk Sugar Feed (Kraco)	302
Charles A. Krause Milling Co., Milwaukee, Wis.	
A-Beet-O Dairy Ration	302
Badger White Hominy Feed	302, 332
Sweet Cud Dairy Ration	302
A. S. Labieniec, Kensington, Conn.	
Reliable 20 Dairy Feed	302
Reliable Laying Mash	302, 404

	Page
Laden Bros. Co., Inc., Wallingford, Conn.	
Laden's Baby Chick Starter	302, 406
Laden's Dairy Feed	302, 360
Laden's Growing Mash	302, 406
Laden's Laying Mash	302, 406
Lamar Alfalfa Milling Co., Lamar, Colo.	
Alfalfa Leaf	302, 342
Land O'Lakes Creameries, Inc., Minneapolis, Minn.	
Dried Buttermilk	302, 438
Dried Skimmilk	302, 438
Larabee Flour Mills Co., Kansas City, Mo.	
Pure Winter Wheat Bran	302, 320
Winter Wheat Bran with Ground Wheat Screenings ..	302, 320
Larrowe Milling Co., Box 68 North End Station, Detroit, Mich.	
Dried Beet Pulp	302, 336
Dried Molasses-Beet Pulp	302, 336
Imported Dried Beet Pulp	302
Larro Broiler Feed	302, 406
Larro Chick Grains	302, 406
Larro Chick Starter	302, 406
Larro Egg Mash	302, 406
Larro Growing Grains	302, 406
Larro Growing Mash	302, 406
Larro Hog Feed	302, 380
Larro Poultry Fattening Feed	303, 406
41% Protein Cottonseed Meal Prime Quality	303
43% Protein Cottonseed Meal Choice Quality	303
Larro Scratch Grains	303
Larro (The Ready Ration for Dairy Cows)	303, 360
Larro Turkey and Game Bird Adult Mash	303, 406
Larro Turkey and Game Bird Developer	303, 406
Larro Turkey and Game Bird Starter	303, 408
Lincoln Farm Products Corp., 407 East 31st St., New York City.	
Farm Brand Meat Scraps	303
Farm Brand Meat and Bone Scrap	303, 438
C. W. Lines Co., 173 Chestnut St., New Britain, Conn.	
Homestead Dry Mash	303, 408
Homestead Scratch Feed	303, 408
Mill Pride Dairy Ration	303, 360
Mill Pride Fancy Scratch Feed	303, 408
Mill Pride Milk Mash	303, 408
Lister Food Co. Inc., Delhi, N. Y.	
Pure Dried Skimmilk Powder	303
Litchfield County Cooperative Association, Torrington, Conn.	
Common Sense Dairy	303
Common Sense Growing Mash	303
Common Sense Laying Mash	303
Long Hill Feed Store, Long Hill, Conn.	
Square Deal Dairy Ration	303, 360
Square Deal Buttermilk Laying Mash	303, 408
L. B. Lovitt & Co., Memphis, Tenn.	
"Lovit Brand" 36% Cottonseed Meal	303, 316
"Lovit Brand" 41% Cottonseed Meal	303, 316
"Lovit Brand" 43% Cottonseed Meal	303, 316

	Page
E. Manchester & Sons, Winsted, Conn.	
Huntington Red Star Egg Mash	303, 408
Red Star Dairy Feed	303, 360
Red Star Egg Mash	303, 408
Red Star Flour Middlings	303, 324
Red Star Mixed Feed	303, 328
Red Star Scratch Feed	303, 408
Red Star Starting Mash	303, 408
Red Star Sweet Sixteen	303, 360
Special Dairy Feed	303, 360
Mann Bros. Co., Buffalo, N. Y.	
The Mann Bros. Co. 34% Protein Pure Old Process Linseed Meal	303, 318
Maritime Milling Co., Inc., 1109 Chamber of Commerce, Buffalo, N. Y.	
B-B Daisy Chick Feed	303
B-B Daisy Egg Mash with Dried Buttermilk	303, 408
B-B Daisy Horse Feed with Alfalfa and Molasses	303
B-B Daisy Scratch Feed	303
B-B Egg Red-E Mixt Mash with Dried Buttermilk ..	304
B-B Hi-Test Dairy Feed 20%, Sweetened	304, 360
B-B Hi-Test Dairy Feed 24%, Sweetened	304
B-B Hi-Test Stock Feed, Sweetened	304, 376
B-B Marmico 16% Dairy Feed with Molasses	304, 360
B-B Meadow Sweet Supplemental Dairy Feed with Mo- lasses	304
B-B (Bull Brand) Calf Meal	304
B-B (Bull Brand) Heavy Mixed Feed	304
B-B (Bull Brand) Wheat Flour Middlings	304
Bull Brand Chick Feed	304
Bull Brand Dairy Ration 24%	304
Bull Brand "20" Dairy Ration, Sweetened	304, 360
Bull Brand "24" Dairy Ration, Sweetened	304, 360
Bull Brand Developing Feed	304
Bull Brand Horse Feed with Alfalfa and Molasses ...	304, 342
Bull Brand Laying Mash with Dried Buttermilk	304
Bull Brand Scratch Feed	304, 410
Bull Brand Stock Feed	304
Farmer's B-B Mixing Feed, Sweetened	304
Red Dog B-B Wheat Flour	304
Vitamized B-B Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil	304, 410
Vitamized B-B Red-E-Mixt Egg Mash with Dried But- termilk and Cod Liver Oil	304
Vitamized Bull Brand All Mash Broiler and Growing Ration	304
Vitamized Bull Brand All Mash Chick Starter Ration ..	304
Vitamized Bull Brand Chick Starter with Cod Liver Oil and Dried Buttermilk	304
Vitamized Bull Brand Growing Mash	304, 410
C. J. Martenis Grain Co., L-3 Produce Exchange, New York City.	
Alco Dried Brewers Grains	304, 336
Argentine Wheat Bran	304, 320
Brazilian Wheat Bran	304, 320
Dried Beet Pulp (Baltic Feed)	304, 336

	Page
Meador Milling Co. Inc., Hoboken, N. J.	
Arrowhead Horse Feed	304, 342
Purifine Linseed Oil Meal	304, 318
Meech & Stoddard, Inc., 75 North Main St., Middletown, Conn.	
Red Wing Dairy Ration with Brewers Grains	304, 360
Red Wing Mixed Feed	304, 330
Red Wing Molasses Horse Feed	304, 342
Red Wing Scratch Feed	304, 410
Red Wing Special Buttermilk Chick Starter	304, 410
Red Wing Special Buttermilk Growing Feed	304, 410
Red Wing Special Buttermilk Laying Mash	304, 410
Red Wing Special Chick Feed	304, 410
Red Wing Special Dairy Ration with Brewers Grains	304, 362
Red Wing Special Intermediate Chick Feed	304, 410
Red Wing Special Scratch Feed	304, 410
Red Wing Special Stock Feed	304, 376
Red Wing Stock Feed	304, 376
Mennel Milling Co., Toledo, Ohio.	
Mennel's Scratch Grains for Poultry—No Grit	305, 410
Memo All Mash Ration	305
Memo Egg Mash	305, 412
Memo 16% Dairy Feed	305, 362
Memo 20% Dairy Feed	305, 362
Memo 16% Sweet Dairy Feed	305, 362
Memo 22% Sweet Dairy Feed	305, 362
Memo 24% Sweet Dairy Feed	305
Memo 85% Grain Horse Feed (with molasses)	305
Memo Pure Hard Wheat Bran	305
Memo Soft Wheat Flour Middlings	305
Miller Cereal Mills, Omaha, Nebr.	
Hominy Feed	305, 334
Milmine-Bodman & Co. Inc., 115 Produce Exchange, New York City.	
Dried Beet Pulp	305
Miner-Hillard Milling Co., Wilkes-Barre, Pa.	
No. 1 Scratch Feed	305
Rye Middlings	305
"1795" Steam Cooked Corn and Oats	305, 342
Steam Cooked Hominy Feed	305, 334
Geo. Q. Moon & Co. Inc., 201 Chenango St., Binghamton, N. Y.	
Moon's Baby Chick Grains	305
Moon's Baby Chick Starter Mash	305
Moon's 20% Dairy Feed with Molasses	305, 362
Moon's 24% Dairy Ration	305, 362
Moon's X Dairy Ration	305
Moon's Developing Grains	305
Moon's Fresh Ground Mixed Feed	305, 330
Moon's Fresh Ground White Middlings	305, 326
Moon's Growing Mash	305, 412
Moon's Hominy Feed	305, 334
Moon's Laying Mash with Dried Buttermilk	305, 412
Moon's Scratch Feed	305, 412
Moon's Special A Laying Mash with Dried Buttermilk	305, 412
Moon's Stock Feed	305, 376
Moon's Wheat Bran	305, 320

	Page
Moran-Patton Co., 234 Cedar St., New Haven, Conn.	
C-B Mash	305, 412
Fred C. Morse & Son, Guilford, Conn.	
Old Mill 20% Dairy Feed	305, 362
Old Mill Dairy Feed 24%	305, 362
Old Mill Fitting Feed	305, 376
Old Mill Growing Mash	305, 412
Old Mill Horse Feed	305, 342
Old Mill Laying Mash	305, 412
Old Mill Laying Mash with Milk	305, 412
Old Mill Provender	305, 342
Old Mill Scratch Feed	305, 412
Old Mill Starting and Growing Mash	305, 412
James F. Morse & Co., Ward & Horace Sts., Somerville, Mass.	
Morse's Meat Scraps	306, 438
Mt. Vernon Milling Co., Mt. Vernon, Ind.	
Poco Hominy Feed	306, 334
National Feed Co., 311 Merchants Exchange, St. Louis, Mo.	
Hominy Feed	306, 334
National Milling Co., Toledo, Ohio.	
Namico	306
New England By-Products Corp., 20 West St., Lawrence, Mass.	
Blue Seal Meat Scraps 50%	306
Niagara Falls Milling Co., Lockport, N. Y.	
Choice Wheat Red Dog	306, 328
Niagara Standard Wheat Bran	306, 322
Niagara Standard Wheat Midds	306, 326
Northwestern Consolidated Milling Co., Minneapolis, Minn.	
Planet Feed	306
Pure Wheat Bran	306
Wheat Flour Middlings N.E.M.R.	306
Wheat Mixed Feed N.E.M.R.	306
Wheat Standard Middlings N.E.M.R.	306, 326
XXX Comet	306, 330
Nowak Milling Corp., Hammond, Ind.	
Domino Egg Pel-ets	306, 414
Domino 24½ Dairy Feed	306
Domino Developing Feed	306, 412
Domino Laying Mash with Buttermilk	306, 414
Domino Scratch Feed	306, 414
Domino Vim-O-Lene Horse Feed	306, 342
Fidelity Stock Feed	306
Marathon Chick Feed	306
Marathon Dairy Feed	306
Ogilvie Flour Mills Co. Ltd., Montreal, Que.	
Ogilvie's Wheat Bran	306, 322
Ogilvie's Wheat Shorts	306, 326
Ontario Milling Co. Inc., Oswego, N. Y.	
Aunt Mary's Chick Starting Mash with Dried Butter- milk and Cod Liver Oil	306
Aunt Mary's Coarse Chick Grains	306
Aunt Mary's Egg Mash with Dried Buttermilk	306, 414

	Page
Aunt Mary's Egg Mash with Dried Buttermilk and Cod Liver Oil	306, 414
Aunt Mary's Fine Chick Grains	306
Aunt Mary's Growing Mash with Dried Buttermilk...	306
Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil	306, 414
Aunt Mary's Scratch Feed	306, 414
Big Value Dairy Feed	306, 362
Big Value 16% Dairy Feed with Molasses	306, 362
Big Value 20% Dairy Feed with Molasses	306, 362
Butterfat Dairy Feed with Molasses	306, 364
Ontario Heavy Mixed Feed	307
Onto Horse Feed with Molasses	307, 342
Oswego 20% Dairy Feed with Molasses	307, 364
Oswego Egg Mash with Dried Buttermilk	307, 414
Oswego Fine Chick Grains	307
Oswego Scratch Feed	307
Sunshine Scratch Feed	307, 414
Uncle John's 24% Cream Pot Ration	307, 364
Uncle John's Stock Feed	307, 376
Uncle John's Stock Feed with Molasses	307, 376
S. V. Osborn Estate, Branford, Conn.	
Osborn Mash	307, 414
Osborn Provender	307, 344
Osborn Scratch	307, 414
Park & Pollard Co. Inc., Buffalo, N. Y.	
All-In-One Starting Feed	307, 416
Bet-R-Milk 20% Ration	307, 364
Bison Stock Feed, Sweetened	307, 376
Chelsea Horse Feed	307, 344
Claco Dairy Ration	307, 364
Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$	307, 344
Feed Meal	307
Fitting Ration	307, 376
Go Tu It Pig and Hog Ration	307
Growing Feed	307, 416
Growing Feed with Cod Liver Oil	307
Herdhelth 16% Ration	307, 364
Holcomb's Sweetened 20% Dairy Ration	307, 364
Intermediate Chick Feed	307, 416
Lay or Bust Dry-Mash	307, 416
Lay or Bust Dry-Mash with Cod Liver Oil	307, 416
Milkade Calf Meal	307, 382
Milk-Maid 24% Sweetened Dairy Ration	307, 364
Overall 24% Dairy Ration	307, 364
Park & Pollard Broiler Ration	307, 416
Park & Pollard Chick Scratch	307, 416
Park & Pollard Chick Starter	307, 416
Park & Pollard Heavy Wheat Mixed Feed	307, 330
Park & Pollard Horse Feed	307, 344
Park & Pollard Light Wheat Mixed Feed with Screenings	307, 330
Park & Pollard Stock Feed	307, 376
Park & Pollard Turkey Grower	307, 416
Park & Pollard Turkey Starter	307, 416
Red Ribbon Chick Feed	307, 416
Red Ribbon Scratch Feed	307, 416

	Page
Special 20% Dairy Ration	307
Top Notch 16% Ration	307, 364
Wheat Flour Middlings	307, 326
Patent Cereals Co., Geneva, N. Y.	
Hominy Feed	307, 334
Pecos Valley Alfalfa Mill Co., Hagerman, N. Mex.	
Alfalfa Stem Meal	307
Peevee Alfalfa Meal	307, 344
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.	
Douglas Corn Gluten Feed	308, 332
Sweetened Douglas Corn Gluten Feed	308, 332
Pillsbury Flour Mills Co., Minneapolis, Minn.	
Palisade Scratch Feed	308
Pillsbury's Dairy Ration 20%	308
Pillsbury's Durum Wheat Bran and Screenings	308
Pillsbury's Fancy Mixed Feed and Screenings	308, 330
Pillsbury's Hard Wheat A Middlings and Screenings .	308, 326
Pillsbury's Hard Wheat Standard B Middlings and Screenings	308, 326
Pillsbury's Hard Wheat Bran and Screenings	308, 322
Pillsbury's Rye Middlings and Screenings	308
Pillsbury's Wheat Bran and Screenings	308, 322
Pillsbury's Wheat Gray Shorts	308
Pillsbury's XX Daisy	308, 330
Pittsburgh Plate Glass Co., 2-10 Chester Ave., Newark, N. J.	
Red Wing Linseed Meal	308
Frank S. Platt Co., 450 State St., New Haven, Conn.	
Platco Laying Mash	308, 418
Platco Perfection Grain Mixture	308, 418
Postum Co., Inc., Battle Creek, Mich.	
Burt's Dairy Feed	308
Burt's Hominy Feed	308, 334
Pratt Food Co., Hammond, Ind.	
Oat Feed (Buffalo Mills)	308, 344
Pratt's All Mash Starter and Grower with Buttermilk .	308, 418
Pratt's Baby Chick Food with Buttermilk	308, 418
Pratt's Broiler Mash with Buttermilk	308, 418
Pratt's Chick Scratch Feed	308
Pratt's Circle A Chick Scratch Feed	308
Pratt's Circle A Large Scratch Feed	308, 418
Pratt's Growing Mash with Buttermilk	308, 418
Pratt's Horse Feed	308, 344
Pratt's Horse Feed with Alfalfa	308, 344
Pratt's Intermediate Scratch Feed	308, 418
Pratt's Large Scratch Feed	308, 418
Pratt's Laying Mash with Buttermilk	308, 418
Pratt's Sugared Stock Feed	308
Pratt's Sweet 20% Dairy Feed	308, 364
Pratt's Sweet 24% Dairy Feed	308, 364
Pratt's Utility Horse Feed	308, 344
Pratt's White Hominy Feed (Buffalo Mill)	308, 334
Charles W. Priddy & Co. Inc., Norfolk, Va.	
"The Best" Fish Meal	308, 438
H. C. Puffer Co., 194 Lyman St., Springfield, Mass.	
Egg-Em-On Growing Feed	308
Egg-Em-On Laying Mash	308, 418

	Page
Egg-Em-On Scratch Feed	308, 418
Monarch Dairy Feed, Sweetened	308, 366
Producer Dairy Feed 20%	308, 366
Producer Dairy Feed 24%	308, 366
Sweetened Producer Dairy Feed 20%	308, 366
Quaker Oats Co., 141 West Jackson Blvd., Chicago, Ill.	
Banner Feed	309, 344
Bell Cow Bran	309, 322
Bell Cow Shorts	309, 326
Big Egg Scratch Grains	360
Buckeye Feed	309
Early Bird Coarse Chick Feed	309, 420
Horse Power Feed	309, 344
Quaker Ful-O-Pep Broiler Mash	309
Quaker Ful-O-Pep Chick Starter	309, 420
Quaker Ful-O-Pep Coarse Chick Feed	309
Quaker Ful-O-Pep Egg Mash	309, 420
Quaker Ful-O-Pep Fine Chick Feed	309
Quaker Ful-O-Pep Growing Mash	309, 420
Quaker Ful-O-Pep Scratch Grains	309, 420
Quaker Ful-O-Pep Station Grade Fattening Feed	309, 420
Quaker Green Cross	309, 344
Quaker Molabulk Feed	309
Quaker 16% Protein Dairy Ration	309
Quaker 20% Protein Dairy Ration	309, 366
Quaker 24% Protein Dairy Ration	309, 366
Quaker 18% Protein Pig-N-Hog Meal	309
Quaker Schumacher Feed	309, 376
Quaker Sugared Schumacher Feed	309, 376
Quaker Thorobred Horse Feed	309, 346
Richford White Diamond	309
Schumacher Calf Meal	309, 382
Schumacher Little Chick Feed, No Grit	309, 420
Schumacher Scratch Grains, No Grit	309, 420
Sugared Vim Feed	309, 346
Vim Feed	309, 346
White Star Stock Feed-Fine	309
White Hominy Feed	309, 334
Yellow Hominy Feed	309, 334
Rach Milling Co., Cairo, Ill.	
RMC Brand Cottonseed Cake or Meal	309
Ralston Purina Co., St. Louis, Mo.	
Corn Feed Meal	309
Corn and Oat Provender	309
Dried Beet Pulp	309, 336
Fine Ground Poultry Alfalfa Meal	309, 420
Protina 16% Dairy Feed	309, 366
Protina 20% Dairy Feed	309, 366
Protina 24% Dairy Feed	309, 366
Protina 24% Dairy Feed (Buffalo Mill)	309
Protina Scratch Feed (Buffalo Mill)	309, 420
Protina Sweet Roughage Feed	309, 346
Protina Sweet Roughage Feed (Buffalo Mill)	309
Protina Stock Feed	309
Purina All Mash Startena Chow Containing Mineral ..	309, 420
Purina Blue Checker Grainola Feed	309
Purina Breeder Egg Chowder Containing Mineral	309, 422

	Page
Purina Bulky Cow Chow	309, 378
Purina Bulky Las Chow (Buffalo Mill)	309, 346
Purina Bulky Omolene Chow	309, 346
Purina Calf Chow	309, 382
Purina Checkerboard Rolled Oats (Steam Cooked) ...	310, 346
Purina Chick Chow	310, 422
Purina Chicken Fat Chow Containing Mineral	310
Purina Chicken Fatena Chow Containing Mineral	310, 422
Purina Chick Growena Chow Containing Mineral	310, 422
Purina Chick Startena Chow Containing Mineral	310, 422
Purina 20% Cow Chow (Buffalo Mill)	310, 366
Purina 24% Cow Chow (Buffalo Mill)	310, 366
Purina 34% Cow Chow	310, 366
Purina Egg Chowder (With Cod Liver Oil)	310
Purina Egg Chowder (With Dried Buttermilk)	310
Purina Egg Chowder Containing Mineral	310, 422
Purina 32% Egg Chowder Containing Mineral	310
Purina Fitting Chow	310, 378
Purina Hen Chow	310, 422
Purina Hog Fatena Chow	310, 382
Purina Intermediate Hen Chow	310, 422
Purina Lamb Chow	310
Purina Lay Chow (With Cod Liver Oil)	310
Purina Lay Chow (With Dried Buttermilk)	310
Purina Lay Chow Containing Mineral	310, 422
Purina Omolene Chow	310, 346
Purina Pig Chow	310, 422
Purina Pig and Hog Chow	310
Purina Red Bag Steer Chow (in checker form)	310
Purina Red Bag Steer Fatena Chow	310
John Reardon & Sons Co., Cambridge, Mass.	
45% Register Brand Meat and Bone Scraps	310, 440
55% Register Brand Meat Scraps	310, 440
Red Wing Milling Co., Red Wing, Minn.	
Red Wing Special Wheat Bran with Screenings	310, 322
Registrations, list of	291
Robin Hood Mills, Ltd., Moose Jaw and Calgary, Can.	
Blackhawk Wheat Standard Middlings	310
Superior Pure Wheat Bran	310, 322
Superior Pure Wheat Shorts	310, 326
Fred H. Rolf, Inc., Guilford, Conn.	
Hubbard's Egg Producer	310
Ronck & Bevis Co., 940 North Front St., Philadelphia, Pa.	
Ro-Be Dried Tomatoes	310, 336
Russell-Miller Milling Co., Minneapolis, Minn.	
Alta Hard Wheat Middlings	310, 326
Hard Wheat Occident Bran	310, 322
Hard Wheat Occident Flour Middlings	310
Hard Wheat Occident Mixed Feed	310, 330
Hard Wheat Occident Standard Middlings	310
Russia Cement Co., Gloucester, Mass.	
Chic-Chuk "The Ideal Concentrated Poultry Food" ...	310
Wolf Savitsky, Shelton, Conn.	
Wolf's Egg Mash	311, 422
Wolf's Dairy Ration	311, 368
Wolf's Scratch Feed	311, 424

	Page
Seymour Grain & Coal Co., Seymour, Conn.	
Miracle Chick Feed	311
Miracle Chick Grower	311, 424
Miracle Chick Starter	311, 424
Miracle Cow Feed	311, 368
Miracle Fitting Ration	311, 378
Miracle Laying Mash	311, 424
Miracle Molasses Horse Feed	311, 346
See More Egg Buttermilk Mash	311
See More Egg Scratch Feed	311, 424
See More Milk Dairy Feed	311, 368
Shelton Feed Co. Inc., Shelton, Conn.	
Nelson Mixed Chicken Feed	311, 424
W. G. Slugg, Milwaukee, Wisconsin	
Slugg's Pure Dried Skim Milk Feed	311, 440
Ike Sovitsky, Ansonia, Conn.	
Ansonia 20% Protein Sweetened Dairy Ration	311, 368
Ansonia Egg Mash with Buttermilk	311, 424
Ansonia Scratch Feed	311, 424
Ansonia Stock Feed	311, 378
Springfield Rendering Co., Springfield, Mass.	
Springfield Poultry Feed	311, 440
A. E. Staley Mfg. Co., Decatur, Ill.	
Staley's Corn Gluten Feed	311, 332
Staley's Soybean Oil Meal	311, 318
Staley Milling Co., Kansas City, Mo.	
Hy Power Hominy Feed	311
John T. Stanley Co., 30th St. and North River, New York City.	
Stanley's Meat and Bone Scrap	311, 440
St. Albans Grain Co., St. Albans, Vt.	
Brewers' Dried Grains	311, 336
Corn Distillers' Dried Grains	311, 336
Hygrade Fitting Ration or Stock Feed	311, 378
Hygrade 16 Sweetened Milk Ration	311, 368
Hygrade 20 Sweetened Milk Ration	311, 368
Hygrade 24 Sweetened Milk Ration	311, 368
King Baby Chick Starter containing Cod Liver Meal- Buttermilk-Cod Liver Oil	311, 424
King Chick Feed	311, 424
King Dairy Feed with Beet Pulp, Sweet	311
King 20 Dairy Feed, Sweetened	311
King Flour Middlings	311, 326
King Growing Feed containing Buttermilk	311, 426
King Horse Feed	311, 346
King Intermediate Chick Feed	311, 426
King Mash Feed containing Buttermilk	312, 426
King Mash Feed containing Cod Liver Oil-Buttermilk ..	312, 426
King 22 Milk Ration, Sweetened	312, 368
King Scratch Feed	312, 426
King Stock Feed	312, 378
Paragon Dairy Feed, Sweetened	312, 368
Paragon Dairy Feed, Unsweetened	312, 368
Paragon Hominy Feed	312, 334
Paragon Scratch Feed	312, 426
Pure Dried Skim Milk Powder	312

	Page
Utility Dairy Ration	312, 368
Utility 60 Pasture Ration	312, 378
Wirthmore Baby Chick Starter containing Cod Liver Meal-Buttermilk-Cod Liver Oil	312, 426
Wirthmore 25 Balanced Ration	312, 368
Wirthmore 25 Balanced Ration, Sweetened	312, 370
Wirthmore Calf Meal	312, 382
Wirthmore Complete Ration for Broilers with Cod Liver Oil	312, 426
Wirthmore Dairy Feed with Beet Pulp, Sweetened ...	312, 370
Wirthmore 16 Dairy Ration, Sweet	312, 370
Wirthmore 20 Dairy Feed	312, 370
Wirthmore 20 Dairy Feed, Sweetened	312, 370
Wirthmore Duck Growing Feed	312, 426
Wirthmore 14 Fitting Ration	312, 378
Wirthmore Flour Middlings	312, 328
Wirthmore Fodder Greens	312, 346
Wirthmore Gritless Chick Feed (Fine Chick Scratch) .	312, 426
Wirthmore Growing Feed containing Buttermilk	312, 428
Wirthmore Growing Feed containing Cod Liver Oil- Buttermilk	312, 428
Wirthmore Horse Feed	312, 346
Wirthmore Intermediate Chick Feed (Coarse Chick Scratch)	312, 428
Wirthmore Laying Mash with Buttermilk	312, 428
Wirthmore Laying Mash containing Cod Liver Oil-But- termilk	312, 428
Wirthmore Pig and Hog—A Growing and Fattening Feed	312, 382
Wirthmore Scratch Feed	312, 428
Wirthmore Stock Feed	312, 378
Wirthmore Turkey Growing Feed	312, 428
Wirthmore Turkey Starter containing Cod Liver Meal- Buttermilk	312, 428
Wirthmore Wheat Feed	312, 330
St. Lawrence Flour Mills Co. Ltd., Montreal, Que.	
Bran	312, 322
D. A. Stickell & Sons, Inc., Hagerstown, Md.	
Snap Intermediate Chick Feed	312, 424
Snap Scratch Grains	312, 424
Su-Pur Horse and Mule Feed	312, 348
Charles M. Struven & Co., Baltimore, Md.	
Struven's Fish Meal	312
Swift & Co., Union Stock Yards, Chicago, Ill.	
Swift's Blood Flour	312
Swift's Laymore Meat and Bone Scraps	312
Swift's Meat and Bone Scraps 50%	312, 440
Swift's Poultry Bone Meal	312, 440
Swift's Special Bone Meal	312
Syracuse Milling Co., Syracuse, N. Y.	
Jordan Horse Feed with Molasses	313, 348
Onondaga Dairy Feed	313
Onondaga Dairy Feed, Sweetened	313
Onondaga Scratch Grains	313
Syragold Chick Feed	313, 428
Syragold Chick Starter	313, 430
Syragold Dairy Feed	313, 370

	Page
Syragold Dairy Feed, Sweetened	313, 370
Syragold Egg Mash	313, 430
Syragold Feed Meal	313
Syragold Flour Middlings with Mill Run Screenings ..	313
Syragold Ground Corn and Oat Feed	313
Syragold Growing Mash	313, 430
Syragold Horse Feed with Molasses	313, 348
Syragold Laying Mash with Buttermilk	313, 430
Syragold Milk Ration	313, 370
Syragold Milk Ration, Sweetened	313
Syragold Scratch Grains	313, 430
Syragold Stock Feed	313, 378
Theobald Animal By-Products Refining Co., Kearney, N. J.	
Production Brand Meat and Bone Scrap	313, 440
Thomaston Supply Co., Thomaston, Conn.	
Thomaston Egg Mash	313, 430
Thomaston Dairy Ration	313, 370
Thomaston Scratch	313, 430
Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	
Broilertine	313, 430
Chicatine	313, 430
Chicatine, with Cod Liver Oil	313, 430
Derby Corn Meal	313
Derby-E-Gee Chick Grains	313, 430
Derby-E-Gee Scratch Feed	313, 430
Derby Ground Corn and Oats	313, 348
Duck Fattener	313
Egatine	313, 432
Egatine, with Cod Liver Oil	313, 432
Egatine Full Feed Pellets	313, 432
E-Gee Dairy Feed	313, 370
Neverfail Horse Feed	313, 348
Orco Feed	313, 378
Red Brand Tioga Dairy Feed	313, 370
Ti-O-Ga Brood Sow and Pig Feed	313
Tioga Calf Food	313, 382
Tioga Chick and Growing Mash	313, 432
Ti-O-Ga Chick and Growing Mash with Cod Liver Oil	
Added	313
Ti-O-Ga Growing Shoat Feed	313
Tioga Laying Food	313, 432
Tioga-Neverfail Chick Grains	313, 432
Tioga-Neverfail Growing Grains	313, 432
Tioga-Neverfail Poultry Grains	313, 432
Tioga Wheat Middlings	313
Waverly Flour Middlings	313
White Brand Tioga Dairy Feed	313, 370
Torrington Grain Co., Torrington, Conn.	
Talcott Dairy Ration	314
Union Sales Corporation, Columbus, Ind.	
Union Corn Gluten Feed	314, 332
United Co-Operative Farmers, Inc., Fitchburg, Mass.	
United Farmers Milk Egg Mash	314
United Farmers Milkmaker	314
Upper Hudson Rye Flour Mills, Inc., Troy, N. Y.	
Upper Hudson Rye Feed	314, 334

[illegible]

¹This was substituted during the year for Big (Y) Growing Feed.

²This was substituted later in the year for Uncas Sugared Stock Feed.

5389 21



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